



ecopixel materials

ECOPIXEL MATERIALS © 2025

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content

INTRODUCTION

05

ecopixel materials, recycled mix for rotomolding

COLORS

Standard Colors

06

Made from ready colored waste steams

Neutrals

Black is the New Black

MULTICOLOR

ecopixel TERRACOTTA

18

Pigmented by ecopixel

ecopixel ENCANTO

20

Pigmented by ecopixel

ecopixel GUAJIRA

32

Earth and desert colors, warm and muted tones. Pigmented by ecopixel

ecopixel MAROON

42

A deep red shade with a subtle hint of purple. Group of tones that exude a sense of luxury and sophistication while maintaining a warm and inviting vibe. Pigmented by ecopixel

ecopixel SPECIALS

48

02 ecopixel FREUD

50

TEXTURES & TYPOLOGIES

60

ecopixel offers different surface qualities that give the material different structural and perception properties.

ecopixel STANDARD

62

ecopixel MINIPIXEL

64

ecopixel PROUST

66

ecopixel AUDIO

68

ecopixel TRANSLUCID

70

ecopixel WATERPROOF

72

ecopixel ALABASTER

74

ecopixel RINGS

76

ecopixel MAXIPIXEL

78

ecopixel OPENSkin

80

03

ecopixel materials

RECYCLED MIX for ROTOMOLDING

ECOPIXEL is an Italian manufacturing company that recycles thermoplastic waste-material in order to obtain a recycled (1) and recyclable (2) material creating this way a true *cycle in material-use.

ECOPIXEL melts different recycled plastics together into wonderful and amazing colored patterns throughout its entire material thickness. ECOPIXEL melts into strong and structural materials, giving birth to an entirely new future in plastic recycling. Developing this new production possibility, ECOPIXEL has opened a new market where recycled aspects meet refreshing new color aspects, releasing incredible possibilities for designers that can now work with pigmented waste into any color of choice.

Since 2006, with firsthand ROTOMOLDING experience, ECOPIXEL is a pioneer in recycling plastics. Although ROTOMOLDING shredded flakes instead of standard micron-

ized powder seems incredibly simple it occurs difficult and complex at the same time. ECOPIXEL will guide you to the magic balance between the exact mixture* of materials and the precise mold temperatures needed to achieve almost any product of choice. ECOPIXEL supplies mixtures for the most diverse product fields (outdoor, indoor, waterproof, mini, open, translucent etc. etc.) in hundreds of color combinations. With ECOPIXEL you enter a world of possibilities, too vast to mention. Our designers work non-stop on new trending color pigments and combinations as well as texture effects. ECOPIXEL often works on customized solutions in order to serve your needs as good as possible.

Although from the very first moment obtaining these highly innovative “visual” results, it has more often been our technical interest that pushed us ahead. From the beginning, it was clear that the secret is the exact material choice or a specific material mix. Using LDPE or LLDPE, but sometimes also HDPE, MDPE, or even RTPE, it is clear that not all typologies mix the same way. Different materials, even different shredding methods, lead to com-

pletely different pixel effects and guide us to very precise percentages to obtain these precise color effects. Studying ECOPIXEL made us realize that textures do not just develop through color percentage but are obtained thanks to specific material mixtures and sometimes even production cycles. As we strictly use either PE, a circular (recyclable) material is obtained.

ECOPIXEL divides its mixtures into different groups as they were developed with different cultural background inputs. ECOPIXEL never underestimates the importance of color and constantly updates its catalogue/databank. Our colors are carefully studied and based on ongoing color trends as well as a follow-up from waste availabilities. ECOPIXEL develops customized colors on demand, creating customized pigments on request – please ask our specific sales team for info.

circularity

colors

standard

STANDARD COLORS

Made from ready colored waste streams

This group shows a range of 32 obvious colors and black and whites that we call “STANDARD” because its components are ready-colored waste materials as we find them. No pigments are added, and thus minimal added energy was needed to create these mixtures.

*** Please notice that these group of STANDARD colors may vary from batch to batch as the tonalities will come each time from different sources.



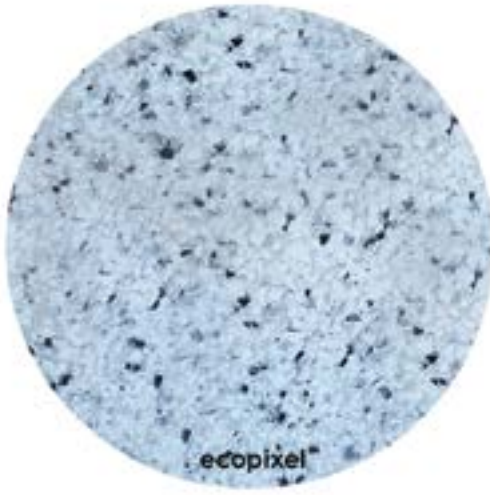
eco-001 PURE WHITE

ECO***



eco-010

ECO***



eco-012

ECO***



eco-000 ALABASTER

ECO***



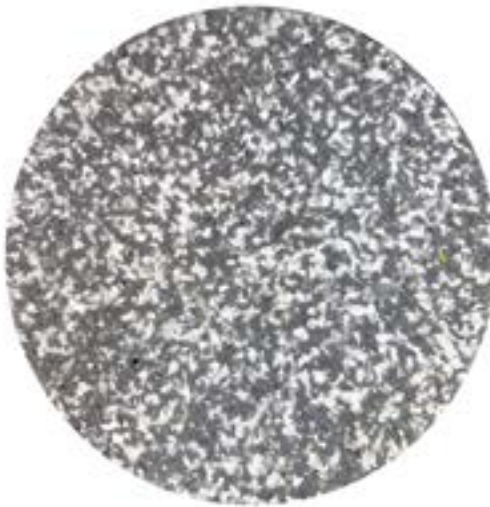
eco-000k BLACK REGENERATED

ECO***



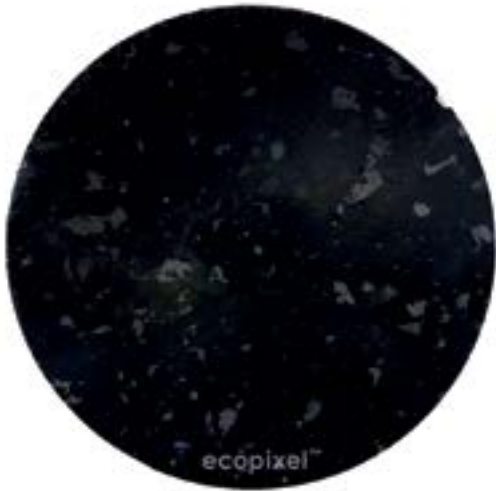
eco-013

ECO***



eco-050 GREY

ECO***



eco-051 BATMAN
BLACK IS THE NEW BLACK

ECO***



eeco-052 Blue de Gascogne
BLACK IS THE NEW BLACK

ECO***



eco-062

ECO***



eco-092

ECO***



eco-017 RO
BLACK IS THE NEW BLACK

ECO***



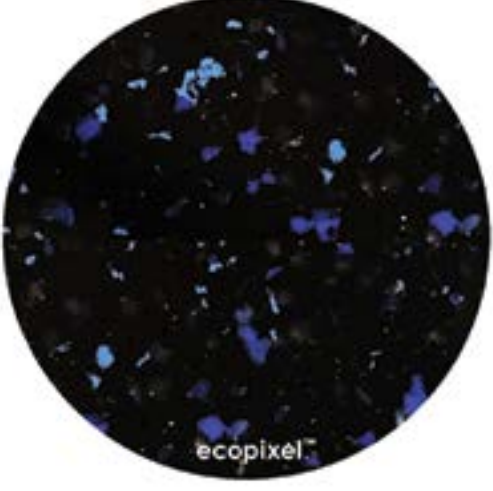
eco-031 GALAXY
BLACK IS THE NEW BLACK

ECO***



eco-072

ECO***



eeco-082

ECO***



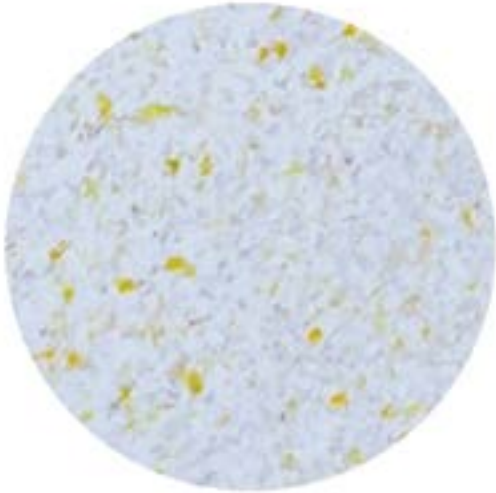
eco-063

ECO***



eco-093

ECO***



eco-064

ECO***



eco-094

ECO***



eco-073

ECO***



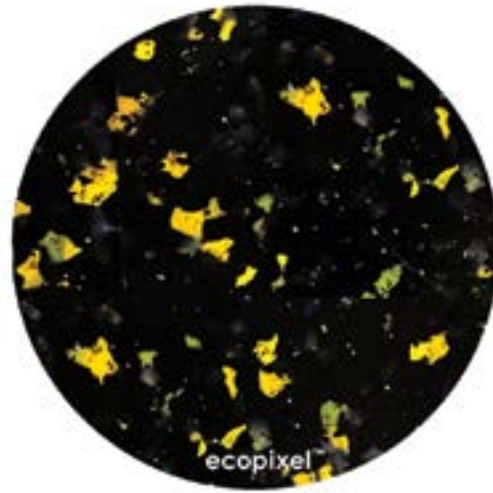
eeco-083

ECO***



eeco-074

ECO***



eeco-084

ECO***



eco-065

ECO***



eco-095

ECO***



eco-066

ECO***



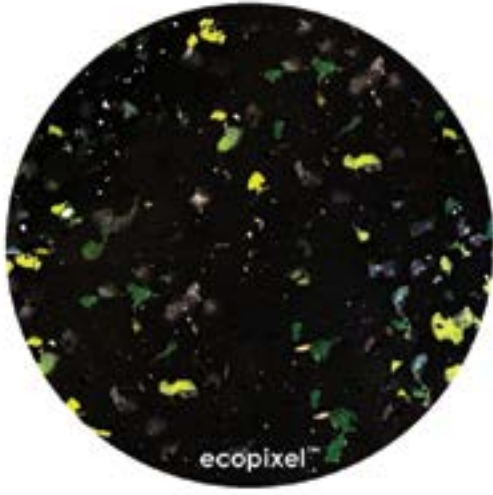
eco-096

ECO***



eco-075

ECO***



eco-085

ECO***



eco-076

ECO***



eco-086

ECO***



eco-016 W TAPS W

ECO***



eco-016 N TAPS N

ECO***



eco-069 TRASH

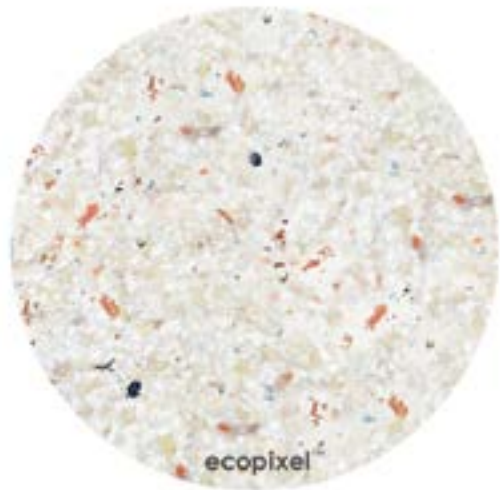
ECO***



eco-016K TAPS BLACK

ECO***

colors
ecopixel TERRACOTTA
PIGMENTED by ecopixel®



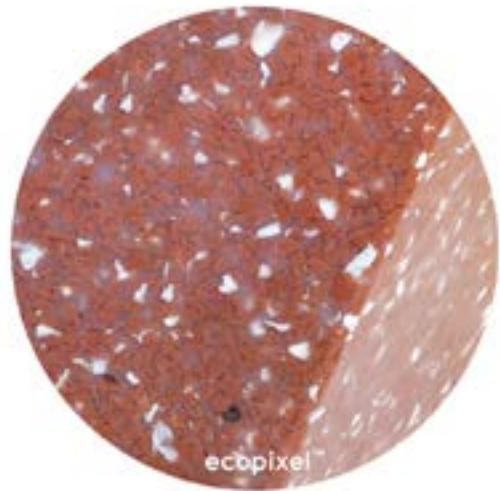
eco-100 TERRA LIGHT

ECO***



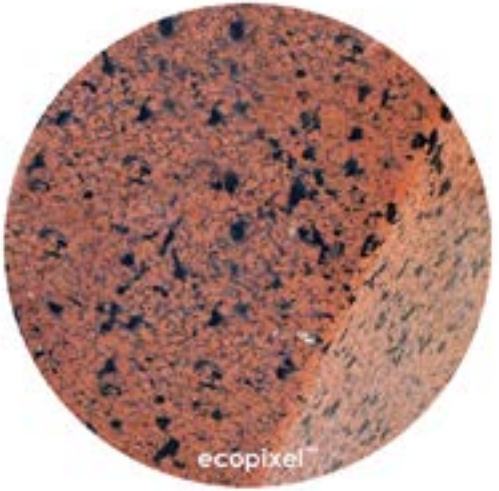
eco-101 TERRA NT

ECO***



eco-103 TERRA WHITE

ECO***



eco-104 TERRA BLACK

ECO***

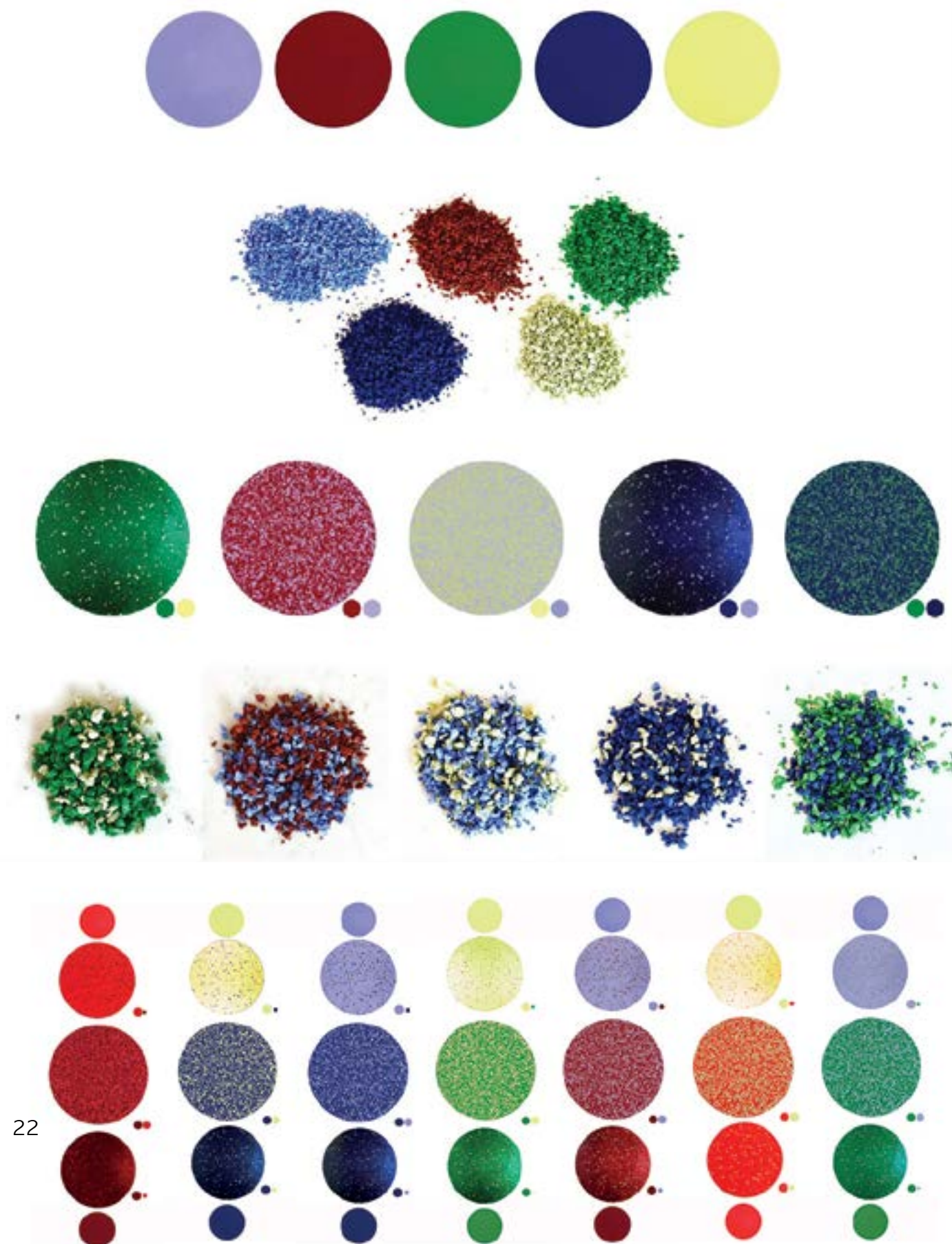
c o l o r s

ecopixel ENCANTO

PIGMENTED by **ecopixel®**

ecopixel ENCANTO

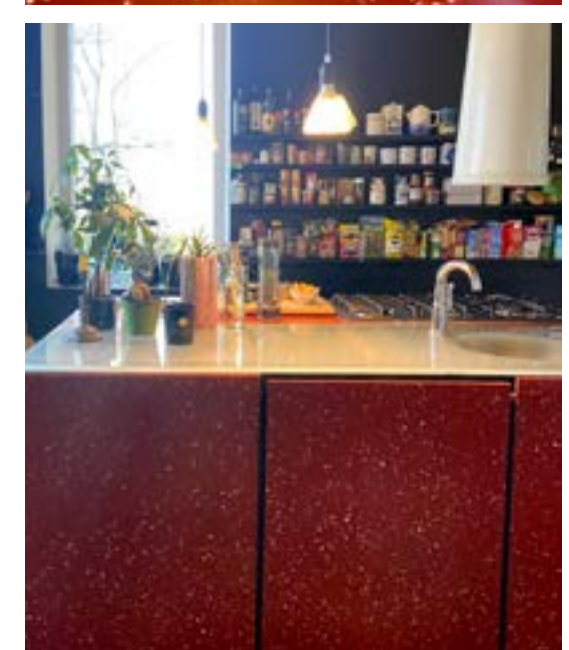
by Mariandrea Zambrano: A group of 32 colors based on a specific color study inspired by the Colombian Cultural Heritage. ENCANTO Was created thanks to the pigmentation of recycled plastics and, therefore, precisely follows the color study as was intended, creating an extremely balanced color palette.



22

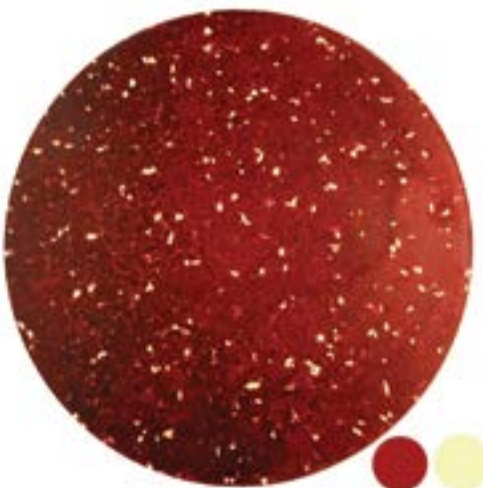


23

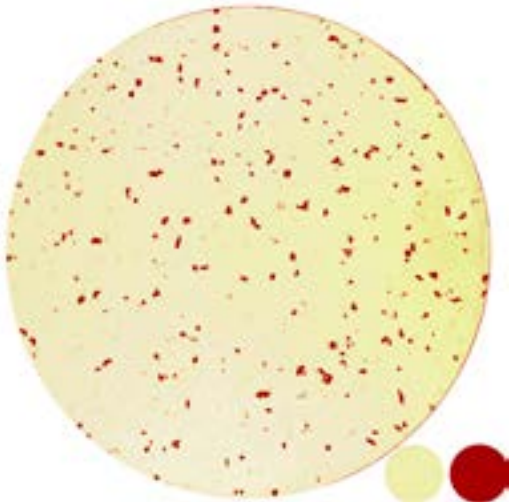




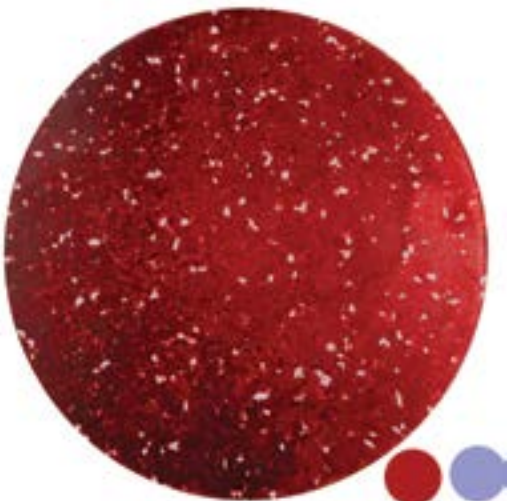
eco-205e WINE
ECO*** 



eco-206e BRANDY
ECO*** 



eco-207e LINSEED
ECO*** 



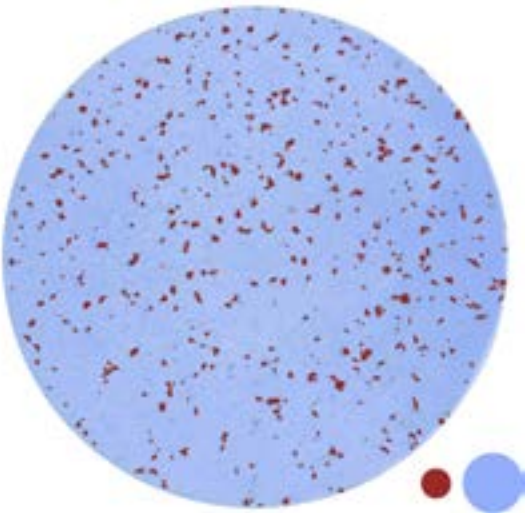
eco-208e TWILIGHT LAVANDER
ECO*** 



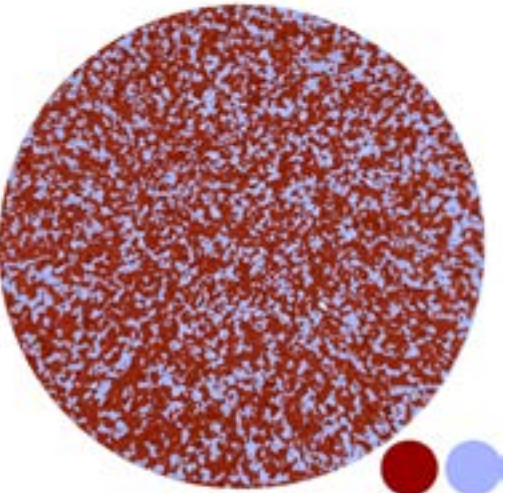
eco-209e KEY LIME
ECO*** 



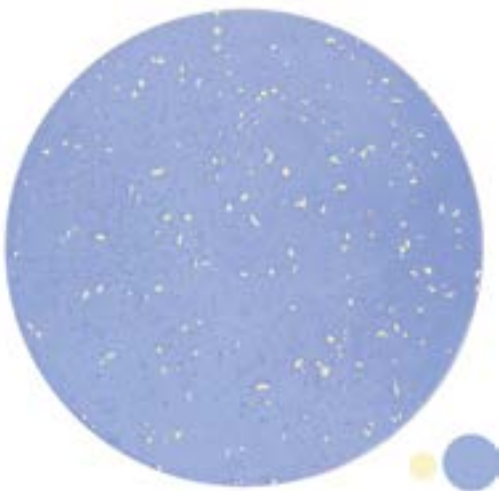
eco-210e REDWOOD
ECO*** 



eco-211e LAVANDER
ECO*** 



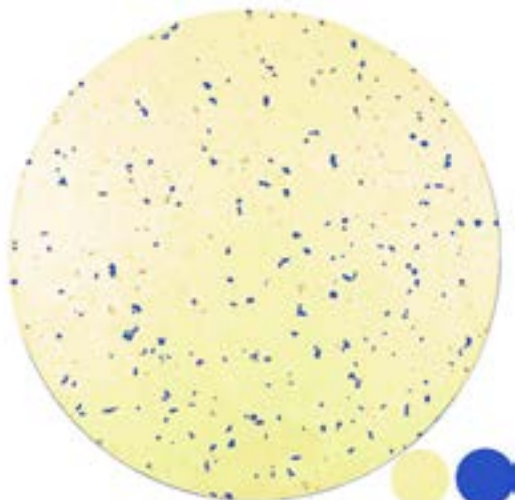
eco-212e COLOMBIAN LILA
ECO*** 



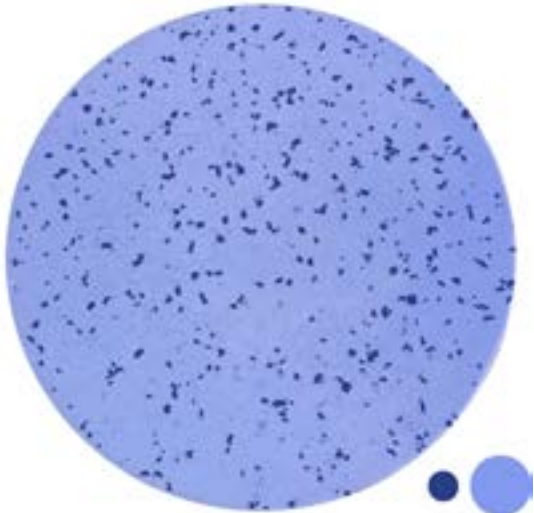
eco-213e **BLUE YONDER**
ECO*** 
LDPE



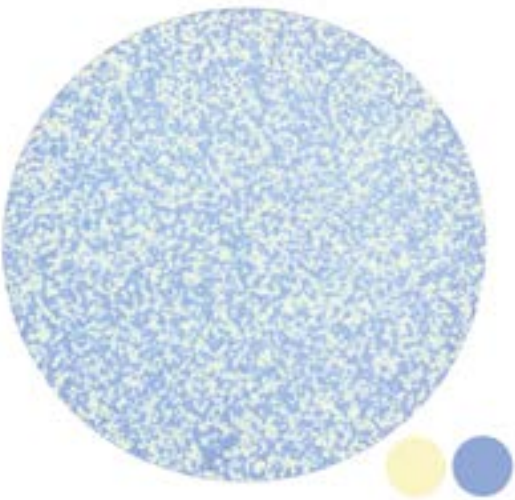
eco-214e **MIDNIGHT NAVY**
ECO*** 
LDPE



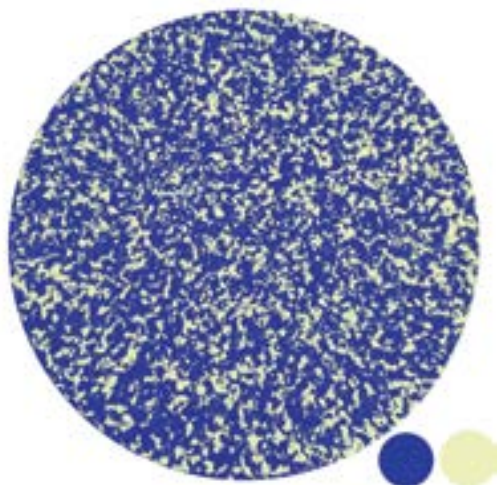
eco-215e **SAGE**
ECO*** 
LDPE



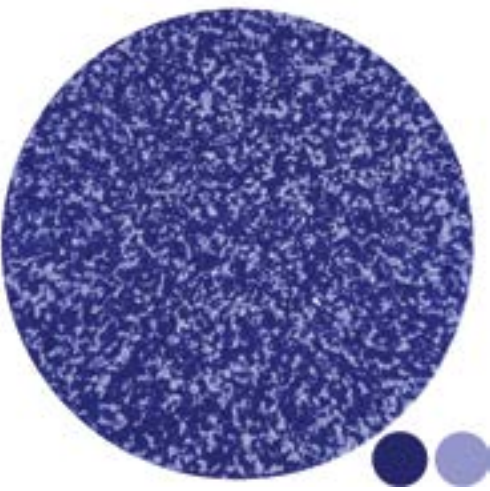
eco-216e **VIOLET BLUE**
ECO*** 
LDPE



eco-217e **SILVER SAND**
ECO*** 
LDPE



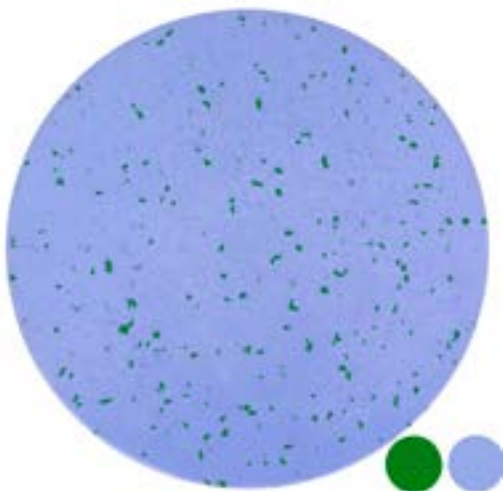
eco-218e **SLATE BLUE**
ECO*** 
LDPE



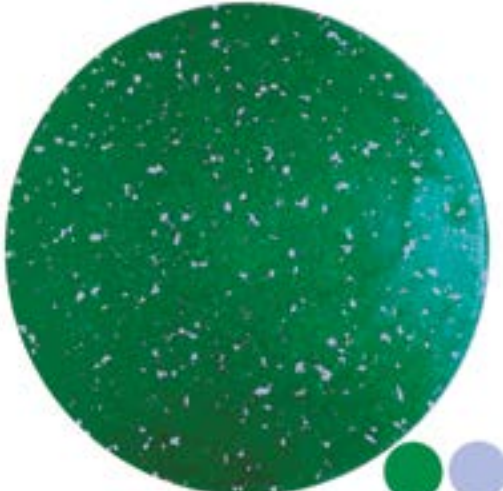
eco-219e **LIBERTY**
ECO*** 
LDPE



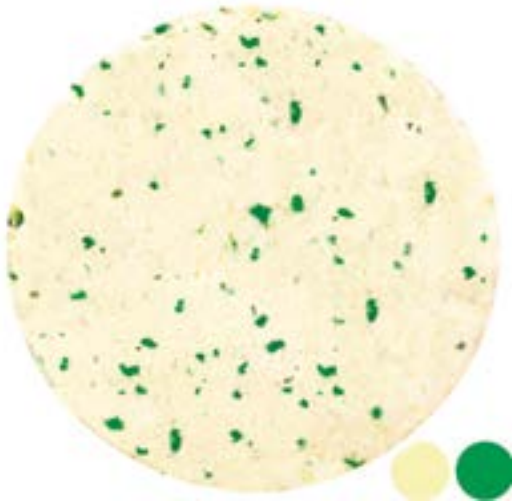
eco-220e **MIDNIGHT VIOLET**
ECO*** 
LDPE



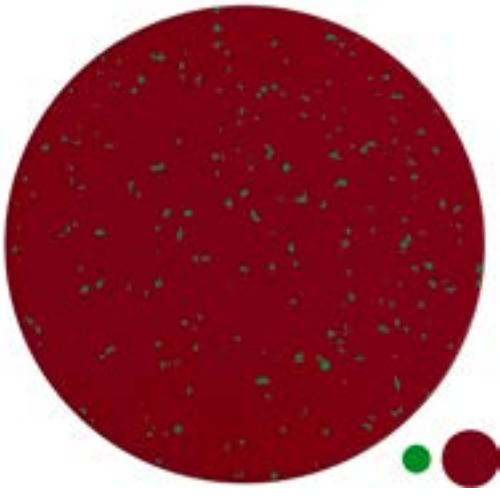
eco-221e CERULEAN FROST
ECO*** 



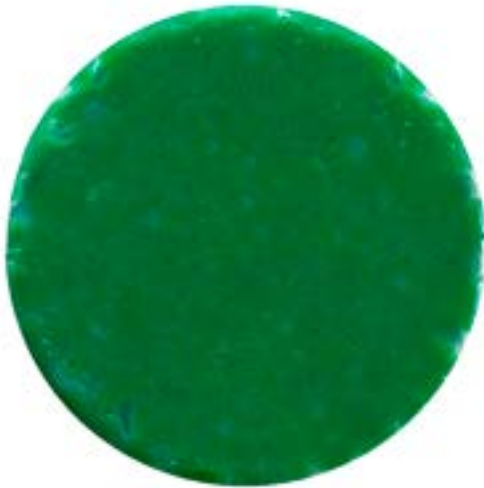
eco-222e SILVER TEAL
ECO*** 



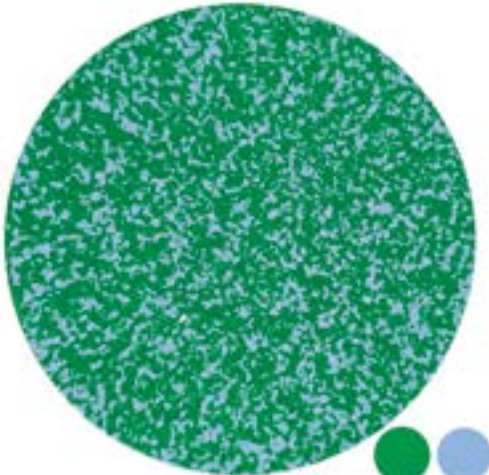
eco-223e PISTACHIO
ECO*** 



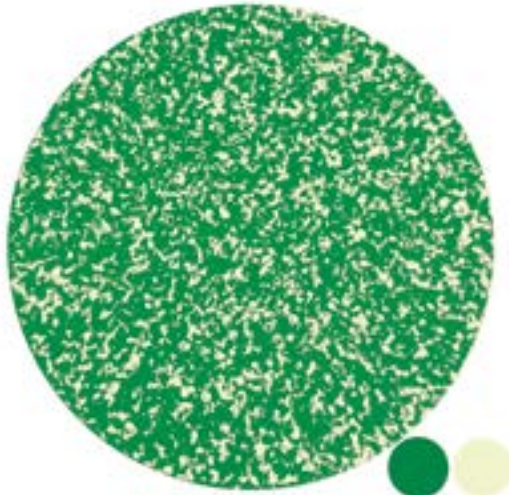
eco-224e TINTO
ECO*** 



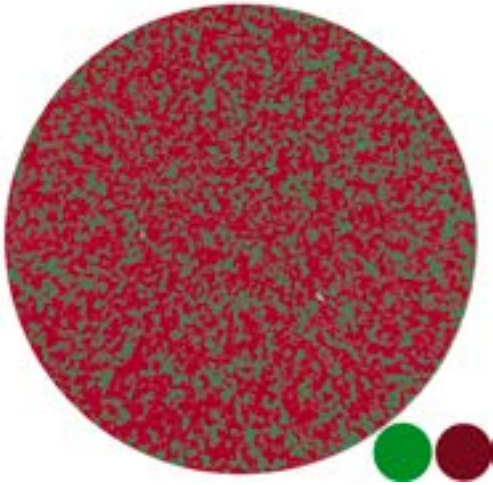
eco-225e FOREST GREEN
ECO*** 



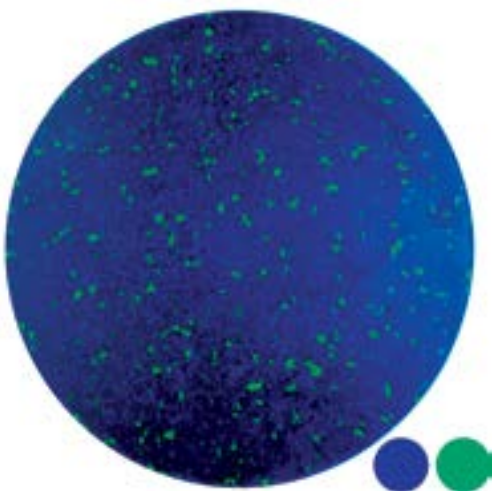
eco-226e EMERALD
ECO*** 



eco-227e KIWI
ECO*** 

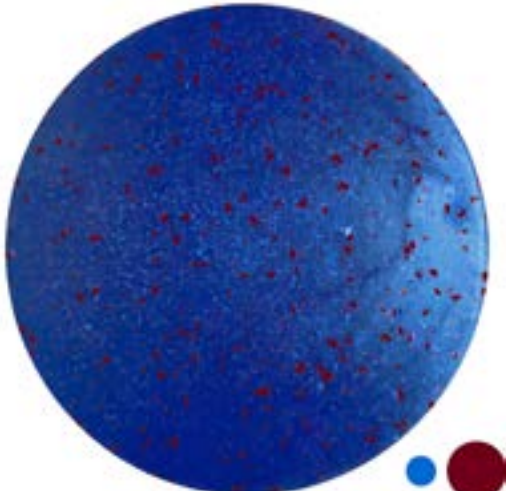


eco-228e KUNA
ECO*** 



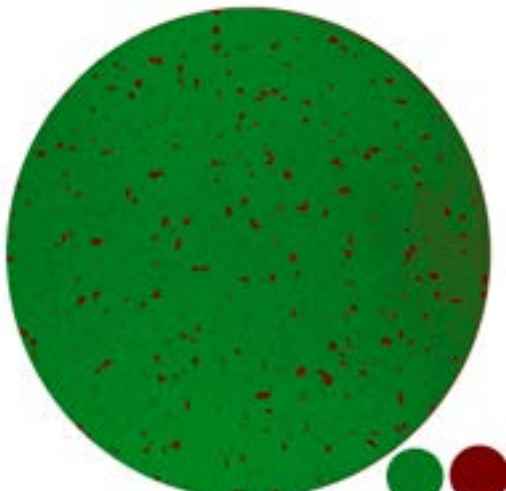
eco-229e ROYAL BLUE

ECO***



eco-230e ULTRAMARINE

ECO***



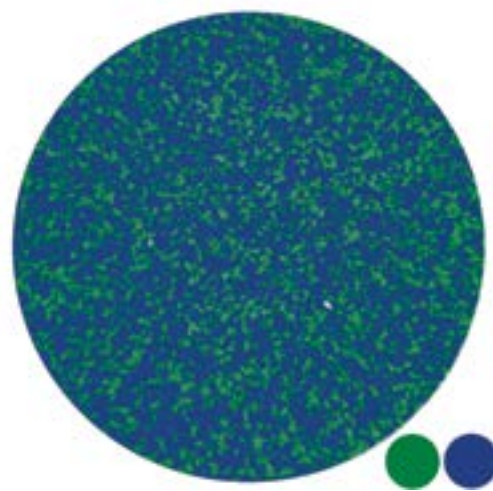
eco-231e HUNTER GREEN

ECO***



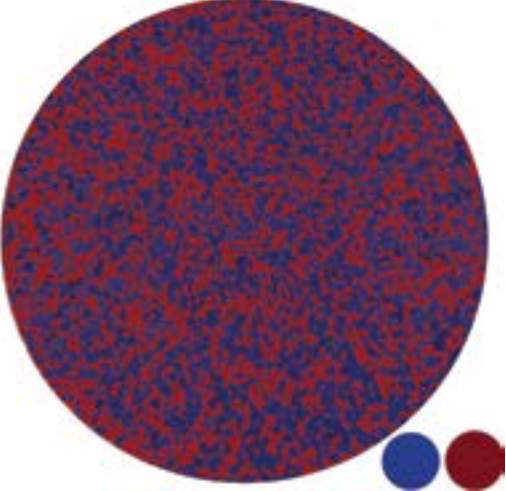
eco-232e MAY GREEN

ECO***



eco-233e EAGLE GREEN

ECO***



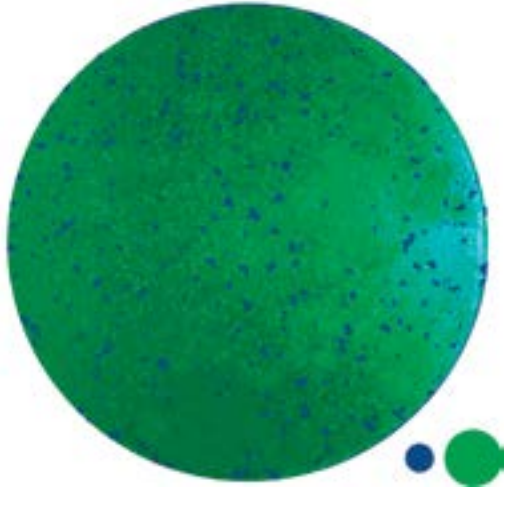
eco-234e TYRIAN PURPLE

ECO***



eco-235e MIDNIGHT BLUE

ECO***



eco-236e CASTLE GREEN

ECO***



c o l o r s

ecopixel GUAJIRA

PIGMENTED by **ecopixel®**

ecopixel GUAJIRA

GUAJIRA color palette, by Mariandrea Zambrano, is inspired by **the beautiful contrasts of the Guajira Desert in Colombia and includes warm and muted tones.** It fits elegantly into any environment, matching with natural colors such wood, leather, cork, stone... GUAJIRA was created thanks to the pigmentation of recycled plastics and therefore precisely follows the color study as was intended, creating this extremely balanced color palette.



eco-301g ISASHII - Mi Tierra

ECO***



eco-302g YUUI -TABACO

ECO***



eco-303g

OORO

ECO***



eco-306g MAIKKI - MAIZ

ECO***



eco-307g KOJEE -CAFE

ECO***





* The names of the colors have been inspired by the Wajuu language. The Wayuu are an Indigenous ethnic group of the Guajira Peninsula in northernmost Colombia.



eco-304g MAPA - MIEL

ECO***



eco-305g ICHII -SAL

ECO***



eco-308g ASEYUU-ESPIRITU

ECO***



eco-309g KASHI - LUNA

ECO***



eco-310g JASAI-ARENA

ECO***



eco-314g PALAA - MAR
ECO*** 



eco-309g KAI - SOL
ECO*** 



eco-322g MMA-MadreTierra
ECO*** 

eco-315g TAPULA- PARA MI
ECO*** 



eco-316g ISSASHII -DESIERTO
ECO*** 



eco-312g LEECHI -LECHE
ECO*** 



eco-311g TOOLO -HOMBRE
ECO*** 



eco-313g SIRUMA-NUBE
ECO*** 

* The names of the colors have been inspired by the Wajuu language. The Wayuu are an Indigenous ethnic group of the Guajira Peninsula in northernmost Colombia.

The stillness of the clear blue skies of the Guajira Peninsula is interrupted by intense pink glows that dissolve in spirals over the lagoons of **the Santuario de Los Flamencos**: tall, slender birds with pink plumage.



eco-321g IPA - PIEDRA

ECO***



eco-318g SIKI - FUEGO

ECO***



eco-324g ISHOO - ROJO

ECO***



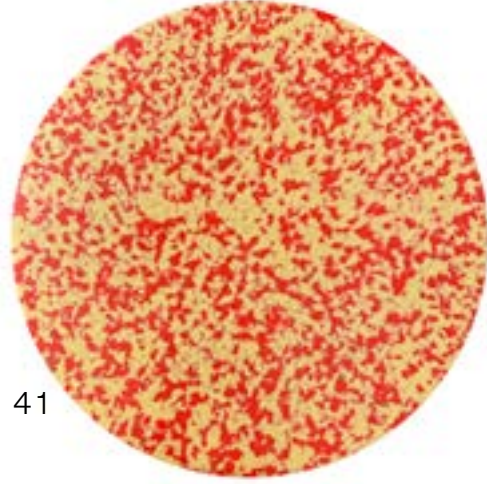
eco-323g ISHA- SANGRE

ECO***



eco-320g TASIMA-MI LENA

ECO***



eco-317g MALOUKATA - AMARILLO

ECO***



* The names of the colors have been inspired by the Wajuu language. The Wayuu are an Indigenous ethnic group of the Guajira Peninsula in northernmost Colombia.

colors

ecopixel MAROON

PIGMENTED by **ecopixel®**



ecopixel MAROON

ecopixel MAROON

Pixel structured
98% recycled pkastics
(plus 2% pigment)

Composition

PELD4

Source

Post Industrial / Packing

Recycled content

100%



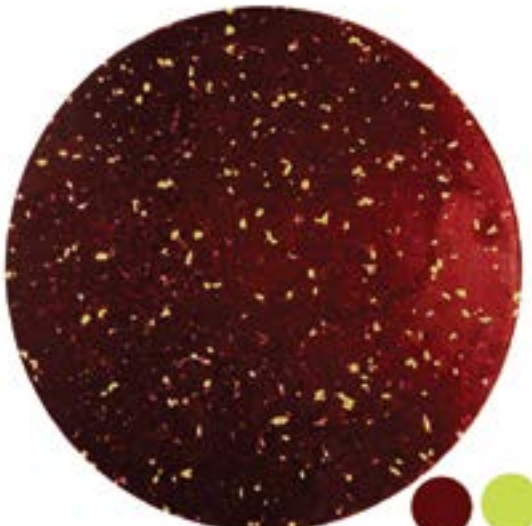
MAROON is the first of a group of colors that become popular at different times, that are usefull in areas where new products are continuously emerging.

ecopixel MAROON



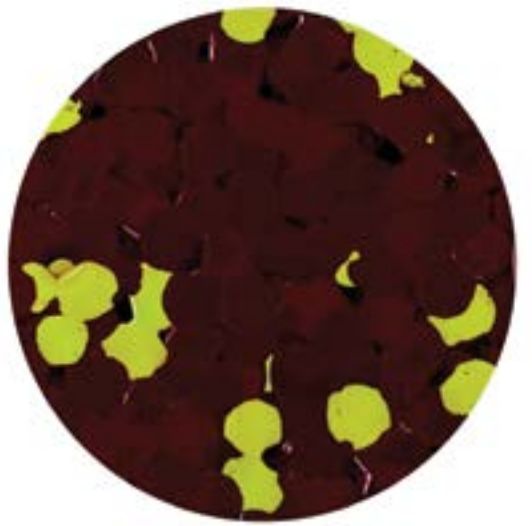
eco-350M MAROON

ECO***



eco-351M MAROON - GREEN

ECO***



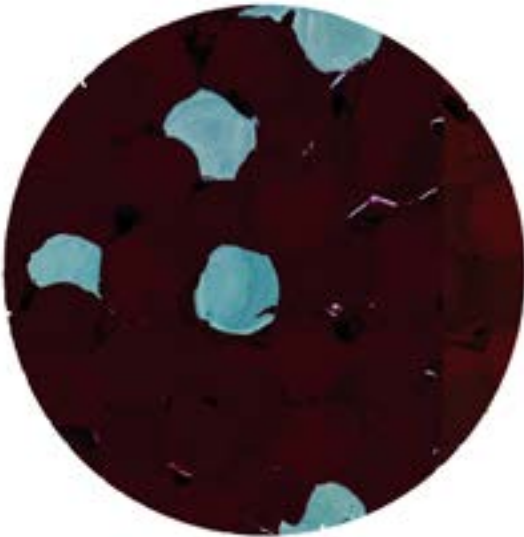
eco-351M POINT MAROON -GREEN

ECO***



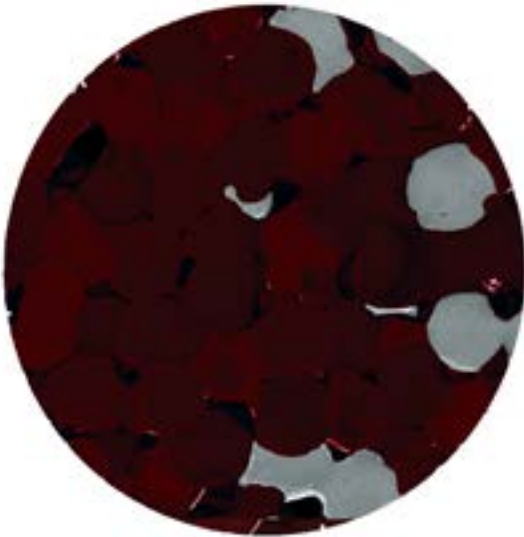
eco-352M POINT MAROON
-ACQUA

ECO***



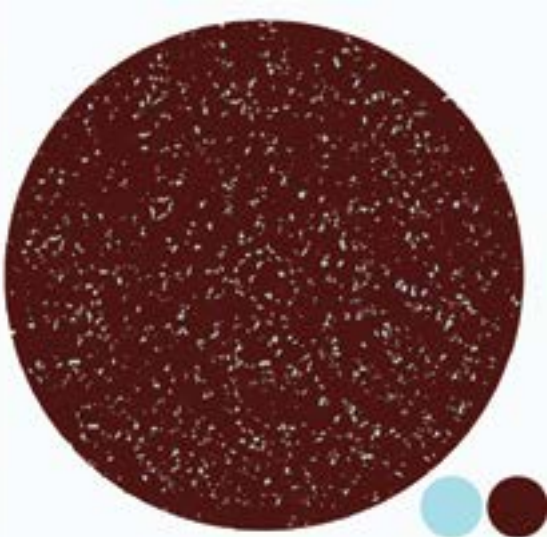
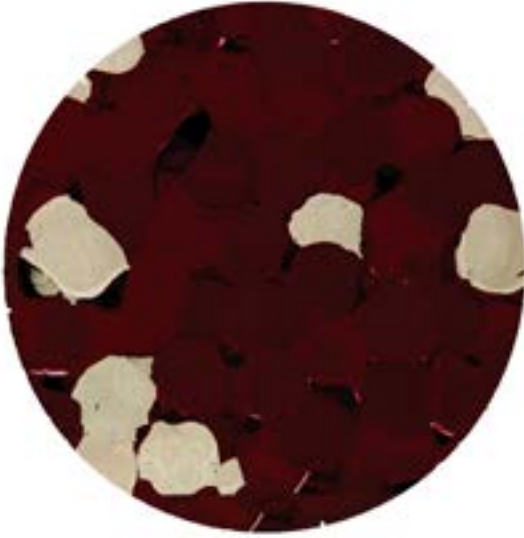
eco-353M POINT MAROON
-GREY

ECO***



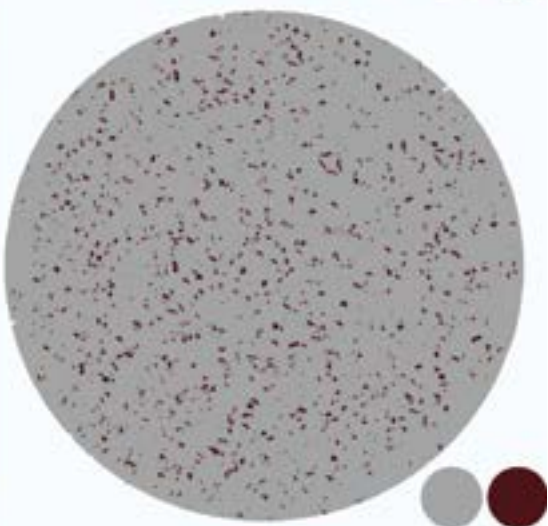
eco-354M POINT MAROON
-SAND

ECO***



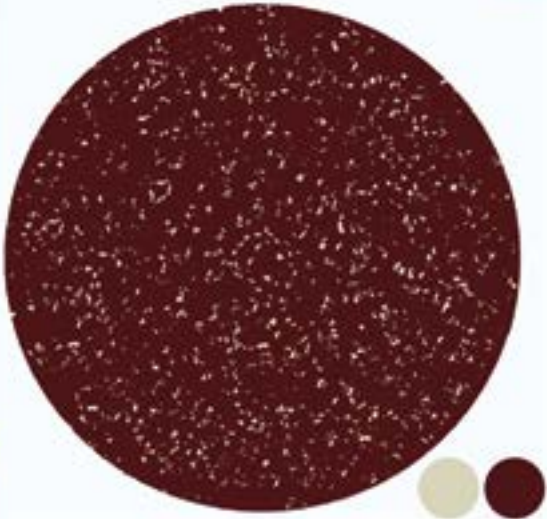
eco-352M MAROON-ACQUA

ECO***



eco-353M MAROON -GREY

ECO***



eco-354M MAROON -SAND

ECO***



ecopixel SPECIALS



eco-051 BLUE DE GASCOGNE

ECO***



eco-017 ROSSANA ORLANDI

ECO***



Malpensa Terminal 1, Milan | Image by Felix Burrichter

49



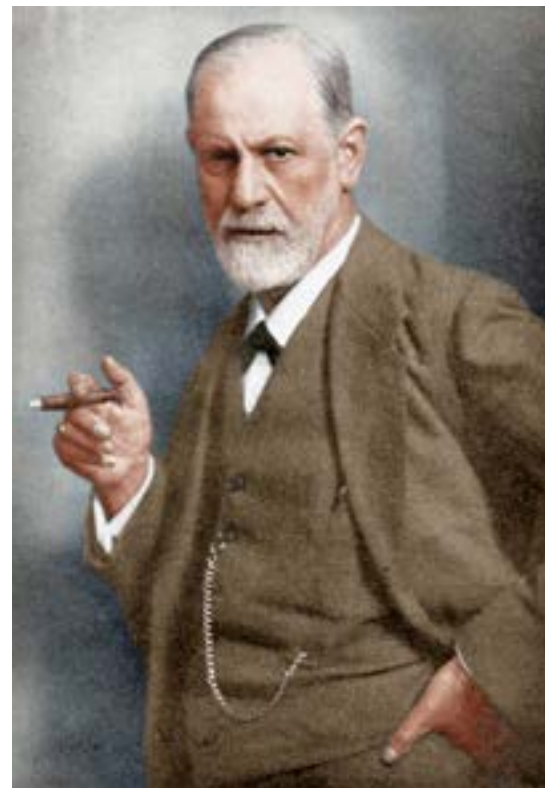
eco-017 SOTTSASS-MXP

ECO***



c o l o r s

ecopixel FREUD



Sigmund Freud color division

People are categorized into six distinct groups based on their character divergence.

Sigmund Freud (1856-1939) noted that these character divergences are also linked to the taste and appreciation for visual preferences. **This division reflects their unique color preferences**, particularly when individuals are classified according to their libido control and differences in social pressure. Each character tends to favor specific colors.

Freud's analysis of color has become **an essential marketing tool** and a key aspect of his motivation theory, highlighting the unconscious needs of individuals and consumers, as well as how those needs can be fulfilled. Therefore, **the use of a particular color for a product can significantly influence its commercial success**. In this regard, ECOPIXEL introduces six groups, each containing three colors that correspond to these categories,

ecopixel FREUD color division



KATATONIA



eco-229e

KATATONIA 1



eco-230e

KATATONIA 2

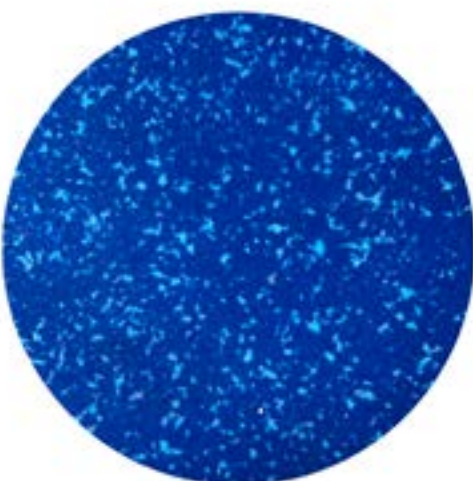


eco-234e

KATATONIA 3



SENSOS



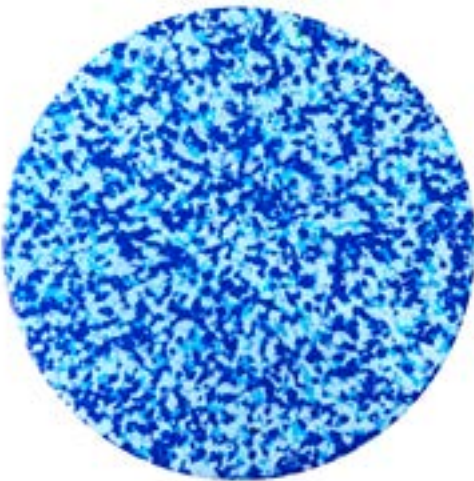
eco-231e

SENSOS 1



eco-232e

SENSOS 2

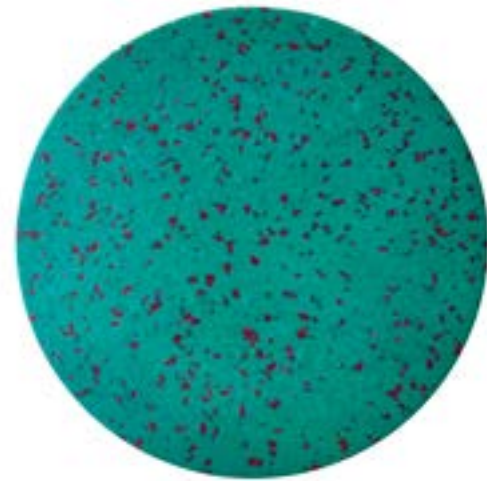


eco-236e

SENSOS 3

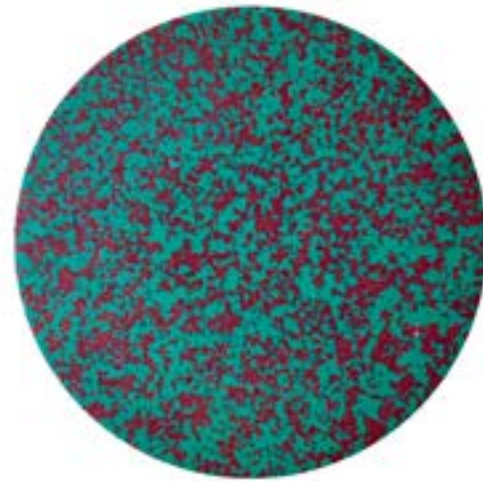


OCEANOS



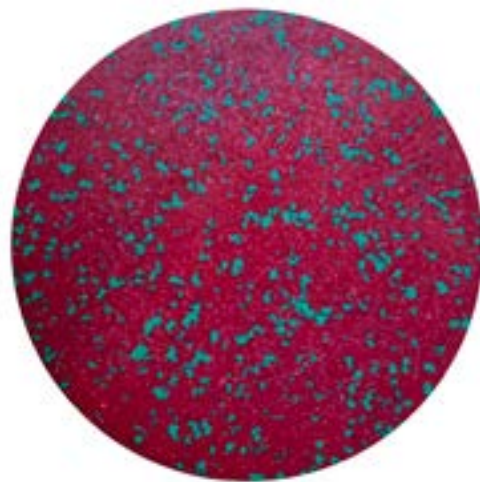
eco-229e

OCEANOS 1



eco-230e

OCEANOS 2

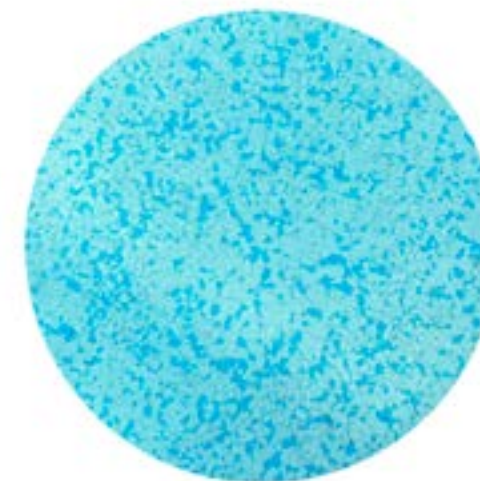


eco-234e

OCEANOS 3

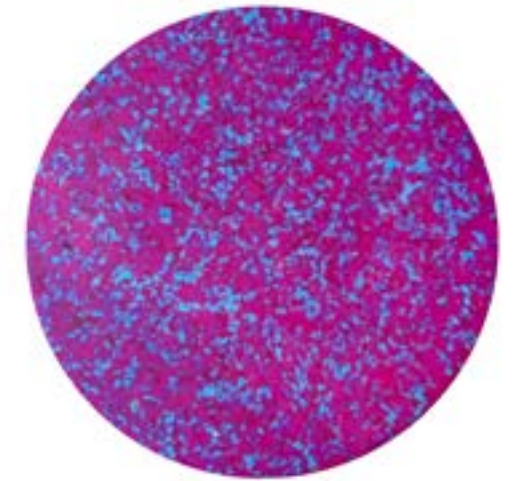


VITALIS



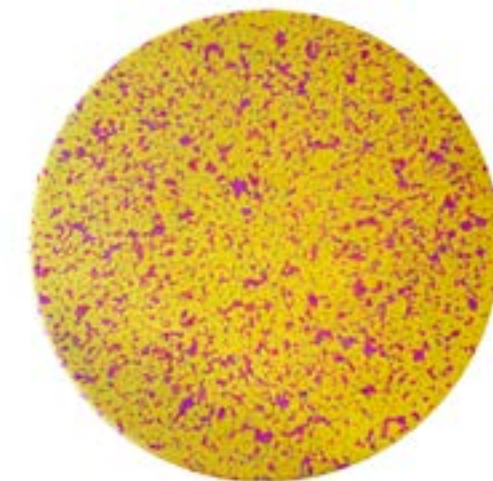
eco-231e

VITALIS 1



eco-232e

VITALIS 2

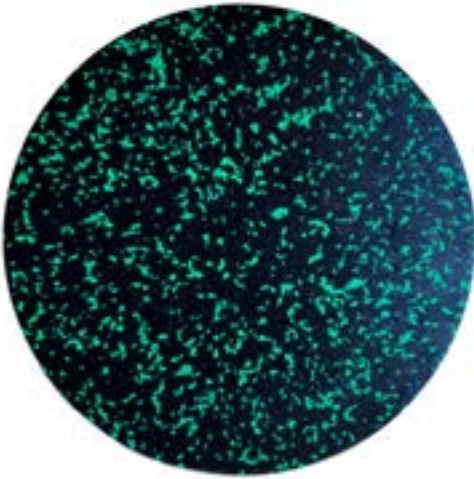


eco-236e

VITALIS 3

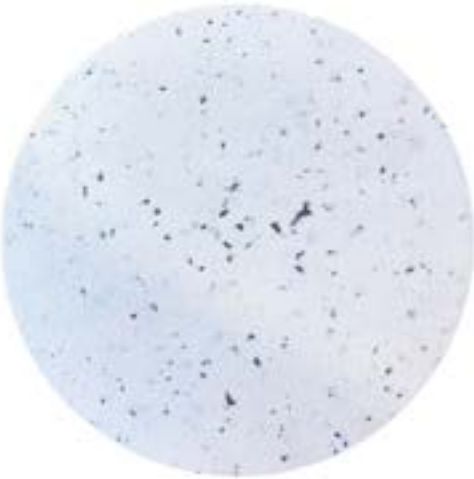


EXPANSOS



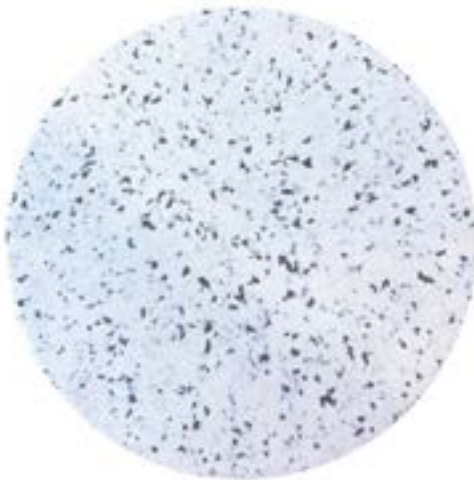
eco-229e

EXPANSOS 1



eco-230e

EXPANSOS 2



eco-234e

EXPANSOS 3

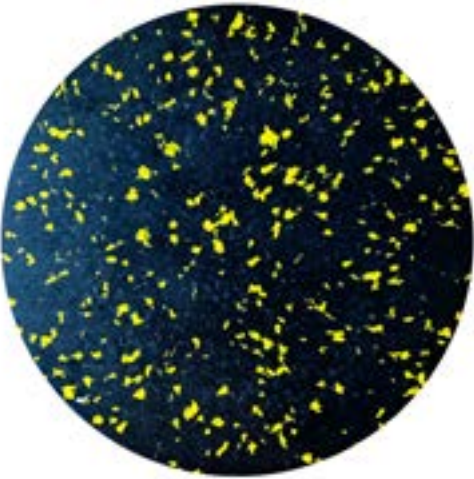


HYSTERIA



eco-231e

HYSTERIA 1



eco-232e

HYSTERIA 2



eco-236e

HYSTERIA 3



textures

Typologies



ecopixel STANDARD

ecopixel STANDARD

6 millimeter irregular pixel.

Composition

PELD4/PERT/PEHD

Source

Post Industrial / Pack-
ing-Automotive-Construc-
tion & Post Consumer

Recycled content

80 to 100%



Our standard 5/8 mm size shredding will lead to the typical "terrazzo effect" and is available in all colors mentioned.

ecopixel MINIPIXEL

ecopixel MINI

2 millimeter irregular pixel.

Composition

PELD4/PERT/PEHD

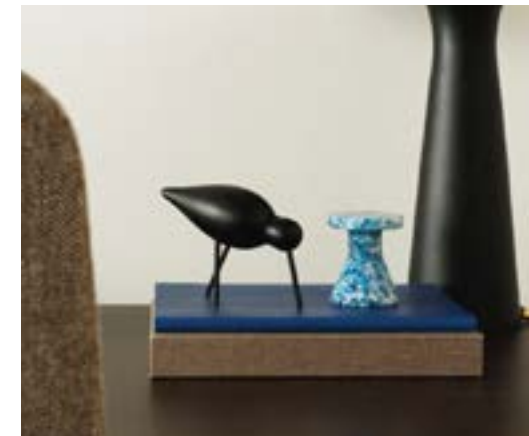
Source

Post Industrial / Pack-
ing-Automotive-Const-
ruction & Post Consumer

Recycled content

80 to 100%

Smaller size pixels are usually re-
quested/applied in smaller objects
or where smaller Radia are present.
In the same way, we can also deliver
a larger pixel. Larger pixels, howev-
er, may complicate superficial finish
and or leave holes at sharp angles.
Our sales team and instructions
will be able to inform you at your
request and advise where needed.





ecopixel PROUST

PROUST decor by Alessandro Mendini © 2017

ecopixel DOTS Open pixel Ø18mm 98% recycled pLastics (plus 2% pigment)
Composition PELD4
Source Post Industrial / Packing
Recycled content 98%

DOTS

Diameter 18mm pixel shows a result as an almost impressionistic work of art. Especially advised for larger objects due to the large pixel size. The DOTS effect will show the open structure feature maintaining its structural capacity.



Color range designed by Alessandro Mendini, produced in 98% recycled plastics (where 2% represents the mere pigment).

The material is 100% recycled pigmented polyethylene PELD industrial waste from packing foil.
The diameter of 18 mm was studied according to specific indications of Alessandro Mendini © 2017, In its magnificent 7-color plus white color mix.



1. Alessandro Mendini photo by max&douglas
2. ALEX Chaise longue design by A. Mendini
3. DELTA PROUST side table at ecopixel.shop



ecopixel AUDIO

ecopixel AUDIO Sound absorbing internal texture. Superficial texture Special effect © 2024
Composition PELD4
Source Post Industrial / Packing Automotive
Recycled content 100%

AUDIO / ROUGH

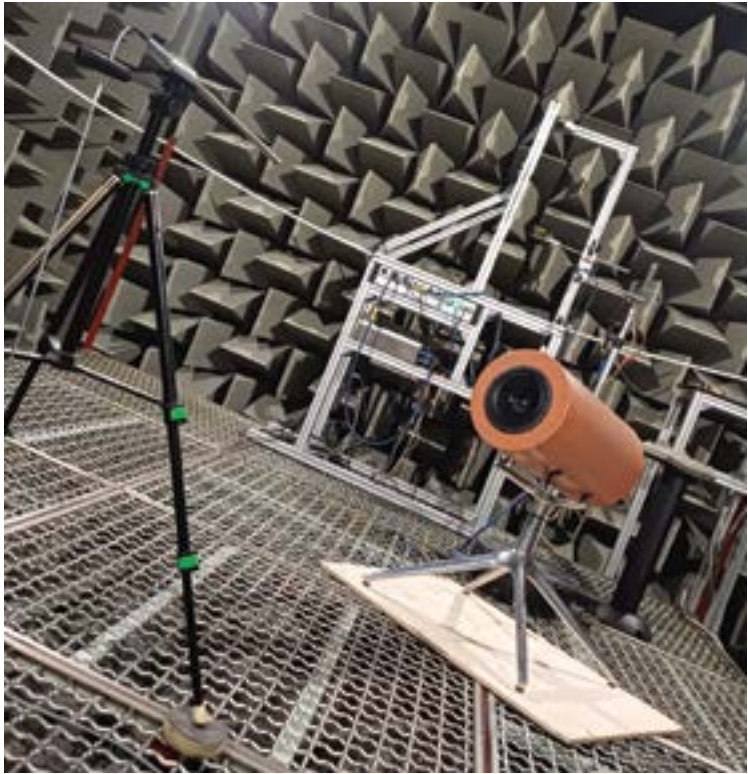
With this surface texture, we tried to express plastic in its most “NATURAL” form. Although plastic derives from natural sources (petroleum), it is often seen as an unnatural material. Shows imperfections in sharp angles and superficial qualities, as any marble or timber often does. This natural quality of “not to hide” gives ECOPIXEL ROUGH a natural aspect.



GHETTO BLASTER - Promotional project 2019
Bluetooth portable design offering 120 watts of RMS “portable power”



EYE D256 BT – 5,5 inch coaxial, rear-facing bass reflex, active class D amplified Bluetooth speaker unit.



DRUM D260 BT – 6,5 inch coaxial, rear-facing bass reflex, active class D amplified Bluetooth speaker



ALTO - Free standing, with down-facing bass reflex, active class D amplified Bluetooth speaker unit.



ecopixel TRANSLUCID

70

eco-010 TRASLUCENT WHITE



ecopixel TRANSLUCID

Illuminates with high
uniformity

Composition

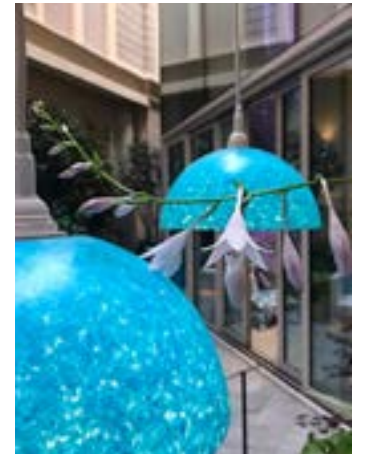
PELD

Source

Post Industrial / Post
consumer

Recycled content

100%



ECOPIXEL TRANSLUCID

Allowing light to pass through.

Only a specific selection of translucid waste material will lead to this magical effect. Studying combinations of translucid and non-translucid pixels can create an even more interesting game of light. ECOPIXEL can guide you with experience.



1. 1907 FLOOR
LAMP
2. ECOPIXEL-
BLUEMOON
16cm diameter
5. ECOPIXEL
LUNA Ceiling
lamp

Normann Copenhagen © 2022 Pix Lamp collection, design by Simon Legard

A range of colors are available for illumination, often requested in a "translucid" quality for their illumination effect. Please be sure you specifically indicate this quality if requested.



ecopixel WATERPROOF

ecopixel WATERPROOF

Fitted so that no water enters or passes through

Composition

PELD4/PERT/PEHD

Source

Post Industrial / Packing-Automotive-Construction & Post Consumer

Recycled content

80 to 100%

We advise how to mix and produce watertight versions of our materials, obtaining qualities that match with bathroom products or outdoor applications among others.



LTT LIGHT TUB / Free standing bathtub by WET ITALIA



ECORAZZO by CLOU NL



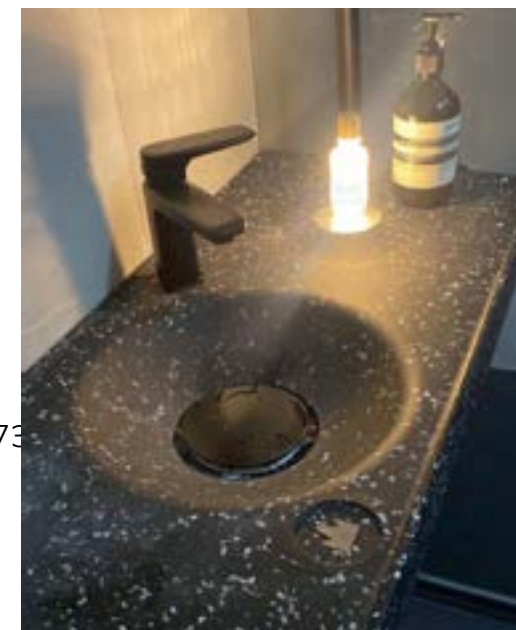
LTB LIGHT BASIN/ by WET ITALIA



HOST - Washbasin



MR BIG - Free standing washbasin



ecopixel ALABASTER

ecopixel ALABASTER

Neutral “Alabaster” uniform colored / eco-000

Composition

PELD4

Source

Post Industrial / Packing

Recycled content

100%

The ancient world of Alabaster has been the inspiration of this new typology of colors – In its plain “eco-000” version as an almost look through milk white, but soon available with a range of interesting color hints.





ecopixel RINGS

ecopixel RINGS

Open ring structured

Composition

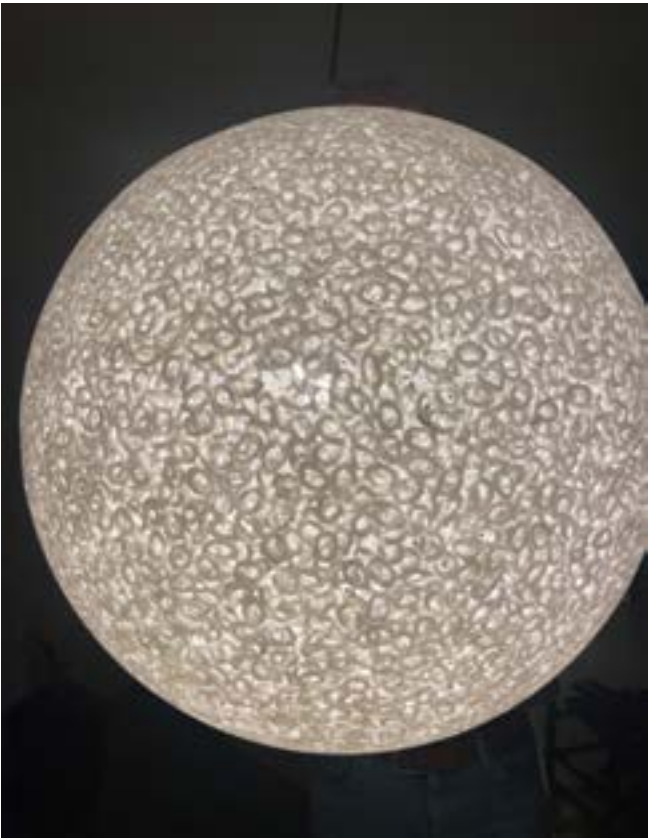
PERT

Source

Post Industrial / Construction

Recycled content

100%



NOMAD is a lounge chair in its version RINGS for an outdoor experience.

Politecnico di Milano -Area Tecnico Edilizia Building ENLAB.



Special cutting of specific “heat pipe waste” led to small rings instead of the usual shredded waste. Ideally used in Illumination projects of a certain size, we advise this texture as it creates a lightweight “open” structure, perfect for illumination, but also creates comfortable flexibility in certain sitting objects. Usually available in NEUTRAL or GREY, but on request, it is also available in RED/YELLOW/BLUE & WHITE or any combination of these.

ecopixel MAXIPIXEL

ecopixel MAXIPIXEL

40mm pixel irregular

Composition

PELD

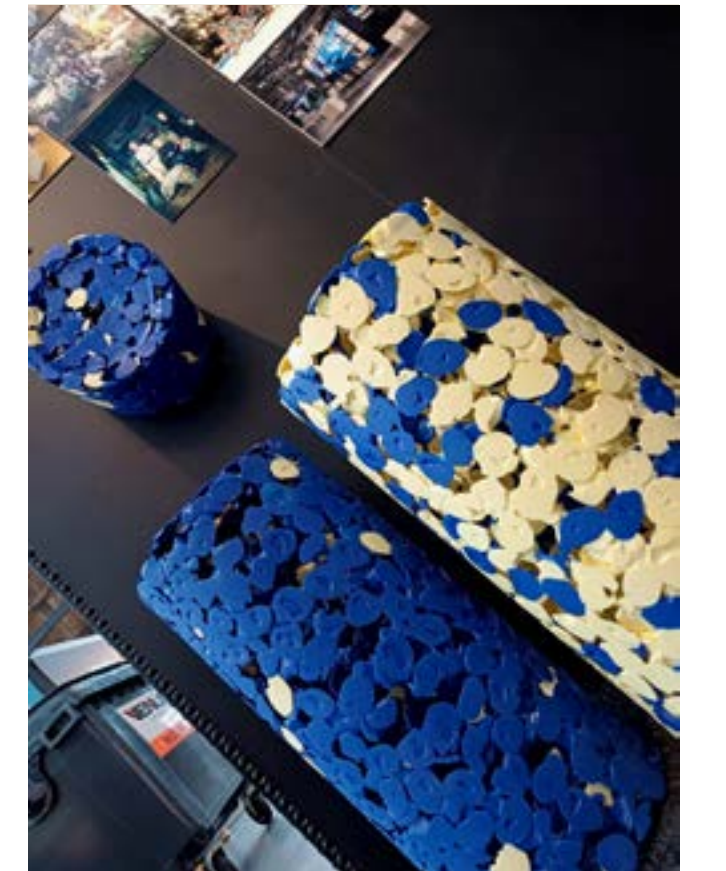
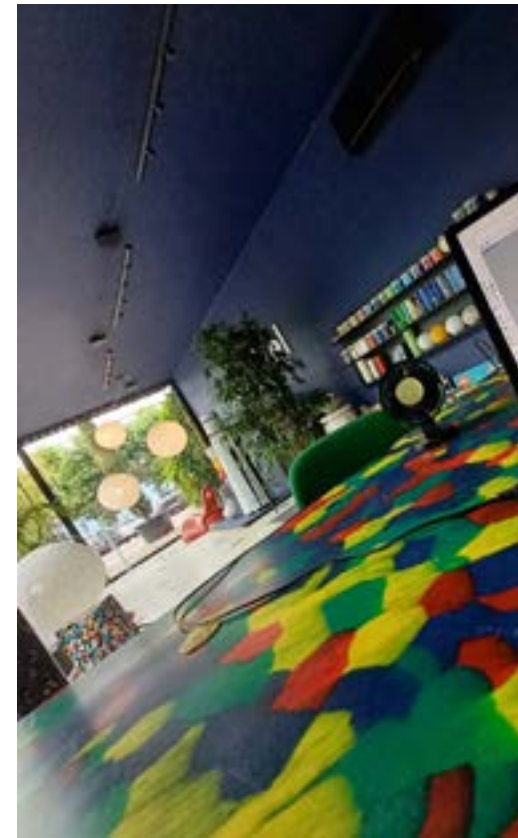
Source

Post Industrial / Packing

Recycled content

100%

Our “maximum” pixel size measures 4 to 6 cm. Available only on specific request in any available pigmented color. Due to its size it often creates an open structured skin, unless used in sheet material.



ecopixel OPEN SKIN

ecopixel OPEN SKIN

Open pixel structured

Composition

PERT

Source

Post Industrial / Construction

Recycled content

100%

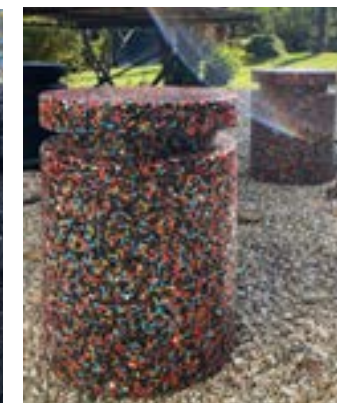
As usual, any product finish is requested to be fully melted and therefore closed as a surface. ECOPIXEL is also available as an "open" structured surface. This feature is not an effect of temperature during production. Instead, it is linked to a certain type of material that, when melted, will automatically create this special effect. Ideally, for illumination, where light magically shines through. Open pixels are also used in outdoor objects, where rainwater will filter through instead of staining on top. Open pixels are available in a limited choice of colors: BLACK/ WHITE/ NEUTRAL/GREY/RED/YELLOW/ BLUE, or any combination of these.



NOMAD is designed by Roger Cos



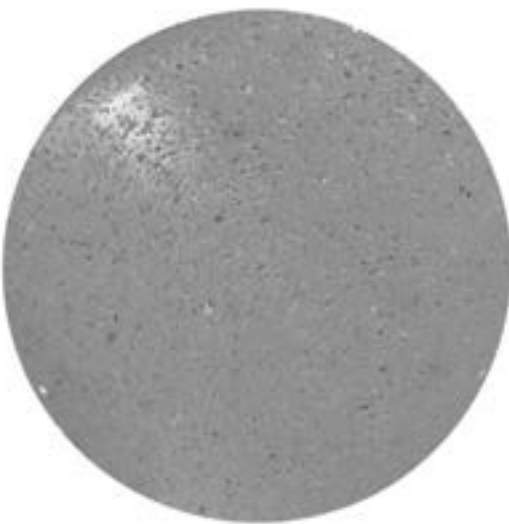
NOMAD is a lounge chair made from ecopixel PERT waste mélange. 100% circular post-industrial surprisingly comfortable recycled plastic.



OPEN SKIN

This “open-pixel” is an effect of structure in the material that gives lightness and softness to the object

This three-dimensional texture makes colors look more vivid, intense and saturated.
Nevertheless this surface texture allows the light to pass through, creating a play of casual light in the environments.



open-Grey FLEX-GREY
ECO*** 



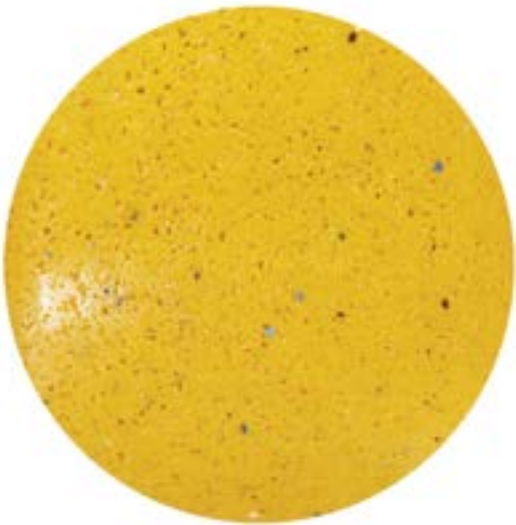
open-Blue FLEX-BLUE
ECO*** 



eco-RINGS NEUTRAL
ECO*** 



eco-RINGS GREY
ECO*** 



open-Yellow FLEX-YELLOW
ECO*** 



open-Red FLEX- RED
ECO*** 



**Textures by ecopixel®
made from
plastic waste materials**

100% made in Italy production ©2025

SHOWROOM

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