

TECHNICAL DATA SHEET

Product: **COLOR CLAY® IVORY** (BSI 3779 - Ivory)
 Code: **30-C**
 Version: **01**
 Date of issue: **09/04/2018**

Natural colour clay
 INCI name: KAOLIN

Product description:

All COLOR CLAY® products have some common characteristics, like high silicate content, a suitable particle size that gives spreadability with pleasant and easy application on the skin.

Aspect: homogeneous powder
 Colour: ivory
 Odour: odourless

Chemical composition:

SiO ₂	51.40% ± 2%
Al ₂ O ₃	31.70% ± 1.5%
Fe ₂ O ₃	1.60% ± 0.30%
CaO	0.63% ± 0.30%
MgO	1.27% ± 0.30%
Na ₂ O	0.10% ± 0.10%
K ₂ O	1.20% ± 0.40%
TiO ₂	0.30% ± 0.20%

Particle size:

87% particles < 44 microns

Microbiology:

TAMC (total aerobic microbial count)	<100 ufc/g
TYMC (total yeast and mould count)	<100 ufc/g
Pathogens:	Absence

Physical-chemical characteristics:

pH (Sol. 20% in water)	8.37± 1
Light stability:	
Natural light:	stable
Vitalux light:	stable
Humidity:	<3.0%

Applications:

- Facial or body muds, in powder form at 100%, for mixtures with liquid (water or solutions with active ingredients) or in combination with other powders in a formulation.
- Facial or body masks, incorporated in emulsions or suspensions.
- Facial or body cleansers as foaming products:
 - Liquid soaps.
 - Peeling liquid soaps.
 - Soap bars for deep cleansing.
- Gel-Mask.
- Creams and serums.
- Hair mask or special shampoos.
- Make up.

Special considerations:

Generally speaking all formulations need a suspending agent to ensure stable and homogeneous products.

Important!

Due to the natural origin of the product, colour may slightly change from batch to batch.

HOJA DE ESPECIFICACIONES / PRODUCT SPECIFICATIONS

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PROPIEDADES / PROPERTIES	RANGO / RANGE	METODO / METHOD
Color / Colour:	Marfil Ivory	Visual Visual
Humedad / Humidity:	< 3.0%	Residuo seco Dry matter
Granulometría / Particle size:	87% < 44µm	% a través de un tamiz de 44 micras % through 44 microns sieve
<u>Microbiología / Microbiology:</u>		
TAMC (contaje total de microorganismos aeróbicos) / TAMC (total aerobic microbial count):	<100 ufc/g	Certificado de irradiación Irradiation Certificate
TYMC (contaje total de hongos y levaduras) / TAMC (total yeast and mould count):	<100 ufc/g	
Patógenos / Pathogens:	Ausencia Absence	

COLOR CLAY® es un producto natural. La intensidad y tonalidad del color pueden cambiar ligeramente de un lote a otro.

COLOR CLAY® is a natural product. The intensity and shade of the colour may slightly change from one lot to the other.

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