

TECHNICAL DATA SHEET

Product: **COLOR CLAY® VULCANUS** (BSI 3773 - Dark Gray)
 Code: **24-C**
 Version: **05**
 Date of issue: **12/07/2016**

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: dark grey
 Odour: odourless

Chemical composition:

SiO ₂	44.41% ± 5%
Al ₂ O ₃	29.29% ± 5%
Fe ₂ O ₃	2.44% ± 5%
CaO	0.90% ± 5%
MgO	0.60% ± 5%
MnO	0.01% ± 5%
Total S	0.84% ± 5%

Particle size:

95% particles < 44 microns

Microbiology:

TAMC <100 ufc/g
 (total aerobic microbial count)

TYMC <100 ufc/g
 (total yeast and mould count)

Pathogens: Absence

Physical-chemical characteristics:

pH (Sol. 20% in water) 2.0-6.0

Light stability:

Natural light: stable

Vitalux light: stable

Humidity: <7%

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

Producto / Product: **COLOR CLAY® VULCANUS**

Código / Code: **24-C**

Versión / Version: **03**

Fecha de emisión / Date of issue: **12/07/2016**

PROPIEDADES / PROPERTIES	RANGO / RANGE	METODO / METHOD
Color / Colour:	Gris oscuro Dark Grey	Visual Visual
Humedad / Humidity:	< 7%	Residuo seco Dry matter
Granulometría / Particle size:	95% < 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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