



FICHE TECHNIQUE TECHNICAL DATA

Référence : FT MIC MU325
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MICRONIZED MICA 325 Mesh

Description

MICRONIZED MICA 325 MESH is a natural, lamellar, and extra-white muscovite mica, micronised down to an average particle size of 3.5 μ .

Properties and Applications

MICRONIZED MICA 325 MESH is specially developed for the paint industry, where it brings brushability, mechanical, chemical, and UV-Rays resistance, resistance to scratch, low gas and liquids permeability, fire resistance, as well as an outstanding durability.

Mica enhances the paint adhesion to the substrate.

The overlapping orientation of the mica platelets explains the mechanical barrier-effect. The chemical resistance is due to the high inertness of mica against aggressive environments.

MICRONIZED MICA 325 MESH is used as barrier-pigment in: technical paints, waterproofing and architectural paints, anticorrosion paints, industrial paints, powder coatings.

Chemical Analysis (typical)

Elements	Unit(é)	Value / Valeur	Specification	Method / Méthode	Eléments
SiO ₂	%	54.0	Fluorescence X	Fluorescence X	SiO ₂
Al ₂ O ₃	%	30.0			Al ₂ O ₃
K ₂ O	%	5.5			K ₂ O
Fe ₂ O ₃	%	1.4			Fe ₂ O ₃
MgO	%	0.8			MgO
TiO ₂	%	0.6			TiO ₂
Na ₂ O	%	0.3			Na ₂ O

Physical Properties

Oil absorption	ml / 100 g	50		Absorption d'huile
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Grain Sizing

> 150 μ	%	0.04			> 150 μ
> 90 μ	%	0.05	Max. 0.1	wet sieving / tamisage humide	> 90 μ
> 50 μ	%	1			> 50 μ
Ø 50		3.5 μ		Sédigraph	Ø 50

Packaging

bags on filmed pallets

25 kg / 1.05 t

Conditionnement

sacs sur palettes filmées



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