

Matting Agent (MATT 412)

Product Description

MATT 412 is a synthetic amorphous silica all-purpose matting agent developed for coatings and overprint varnishes. This effective matting agent is suitable for pigmented coatings as well as clear coatings and non-pigmented systems due to its excellent suspension behavior.

Chemical Description

Silicon Dioxide CAS Number: 7631-86-9 (112926-00-8, 9002-88-4)

Physical Properties

Content of SiO ₂ (dry basis) %	≥99.0
Porosity ml/g	1.8-2.0
Oil Absorption g/100g	260-300
Particle Size (Malvent D50), um	5.0-6.0
Loss on drying (105°C, 2Hrs)	≤5.0
Ignition loss (1000°C, 2Hrs)	≤9.0
Whiteness	≥93.0
PH (5% Liquor)	6-7
Surface treatment	Organic

Applications

1. Industrial Coating. 2. Wood Coating. 3. Plastic Coating. 4. Printing Inks

Special Attributes

- High Matting Efficiency
- Good Transparency balance
- Easy to Disperse
- Excellent Hand-feeling

Packing & Storage

10KG Paper Bag / 360KG per Pallet / 3600KG per 20ft FCL

- Shelf Life is above 1 year under cool dry well-ventilated place at 25°C

All the information above is based on data obtained at laboratory and is not to be used for certifying the suitability of the product. Users are advised to test the product in their own system before purchase.