Matting agent

ACEMATT® OK 412

DESCRIPTION

ACEMATT® OK 412 is a wax-treated, medium particle sized precipitated silica. By offering very high compatibility, it can be used in a large variety of coatings

KEY BENEFITS

- very low viscosity impact
- high surface smoothness
- all purpose silica

EFFECT

Matting efficiency

Transparency

Viscosity

Smoothness/Haptic

Sedimentation behavior

SUITABILITY

waterborne	solventborne
◐	●
radiation-curing	**2-pack coatings**
◐	●
high solids	**pigmented coatings**
◐	●
clear coatings	
◐	

○ not suitable ◐ partly suitable ● suitable

TYPICAL APPLICATIONS

- General industrial coatings
- Wood coatings
- Plastic coatings
- Car OEM coatings

TECHNICAL DATA

carbon content	5.5 %
DOA absorption	250 ml/100g
Grindometer value	27 µm
particle size, d_{50}	6.3 µm
pH-value	6.3
specific surface area (N_2)	130 m^2/g

RECOMMENDED ADDITION LEVEL

As supplied calculated on total formulation: 1.5 - 7.0 %

PROCESSING INSTRUCTIONS

Addition to the coating as supplied or as a predilution is possible.

HANDLING & STORAGE

When stored in an original unopened packaging, the product has a shelf life of 24 months from the date of manufacture. We recommend to store the product in closed containers under dry conditions and to protect the material from volatile substances.

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