

Matting agent

ACEMATT® OK 520

DESCRIPTION

ACEMATT® OK 520 is a wax-treated, medium particle sized precipitated silica. Providing very high compatibility it can be used in a large variety of coatings.

KEY BENEFITS

- high transparency
- universal usage in nearly all coating systems
- good chemical resistance

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

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

TECHNICAL DATA

carbon content	4.5 %
DOA absorption	295 ml/100g
Grindometer value	27 μm
particle size, d ₅₀	6.5 μm
pH-value	6.0
specific surface area (N ₂)	220 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

For details regarding our packaging options for this product, please contact your local sales representative. Our products are inert and extremely stable chemically. However, due to their high specific surface area, they can absorb moisture and volatile organic compounds from the surrounding atmosphere. Therefore, we recommend storing the products in sealed containers in a dry, cool place, and removed from volatile organic substances. Even if a product is stored under these conditions, after a longer period it can still pick up ambient moisture over time, which could lead to its exceeding the specified moisture content. For this reason, our recommended use-by date is 24 months after date of manufacture. Products more than 24 months old should be tested for moisture content before use in order to make certain that it is still suitable for the intended application.

MSDS & REGULATORY INFORMATION



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