

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	300 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

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.

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

Evonik Operations GmbH | Goldschmidtstraße 100, 45127 Essen, Germany | Telefon +49 201 173-2222 Telefax +49 201 173-1939 | www.coating-additives.com