

DESCRIPTION

ACEMATT® HK 520 is an untreated, medium-particle-sized precipitated silica. Due to its high compatibility, it can be used in a large variety of coatings. The improved orientation in coating systems effectively prevents mottling.

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

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

TECHNICAL DATA

carbon content	0 - 0.5 %
DOA absorption	330 ml/100g
Grindometer value	27 μm
particle size, d₅₀	6.5 μm
pH value, 5% in water	6.6
specific surface area (N₂)	270 m ² /g

RECOMMENDED ADDITION LEVEL

As supplied calculated on total formulation: 1.0 - 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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