Finmatt S-H11

Description

Finmatt S-H11 is a polymer-modified, amorphous, micronized silica matting agent used to efficiently matt various coating systems. The particles have a slightly hydrophobic, reactive surface.

Finmatt S-H11 is especially advantageous in matting radically curing coatings.
Compared to conventional silica matting agents, it is easier to incorporate in 100% UV-coatings, has a smaller impact on viscosity and results in more transparent films while having the same matting efficiency.

Moreover the polishing resistance of alkyd resins is increased due to the optimal integration of the matting agent.

When used in 1 pack and 2 pack water based coatings, Finmatt S-H11 results in an improved chemical resistance even of heavily matted surfaces (5 - 10% matting agent).

Range of use

Finmatt S-H11 may be used in all common binder systems.

- Water-based coatings (1pack/2pack)
- Solvent-based coatings (1pack/2pack)
- UV-coatings (100%, water-, solvent-based)

Applications

- Plastic part coatings
- Furniture coatings/foils
- Foil coatings
- Wood coatings/foils
- Glass coatings

Specification

Average particle size, d50 (Malvern)	10.1 ± 3 µm

Typical properties
general information, not part of the specification

Appearance	white, free flowing powder
pH-value	8 ± 1
Average particle size, d90 (Malvern)	approx. 18 µm
Matting efficiency	high
Feel	silky / smooth

Packaging

Packaging unit: 20 kg paper bag

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Storage

Store at low relative humidity in closed bags. Do not store pallets on top of each other.
This could compress the material and destroy application properties.
The storage time of 12 month after shipment should not be exceeded.