

Product Information ACEMATT® OK 412

Characteristic physico-chemical data*)

| Properties and Test Methods | Units | ACEMATT OK 412 |
|-----------------------------------------------------------------------------------|-------------------|------------------------|
| Loss on drying 2 h at 105°C following ISO 787-2 | % | 6 |
| Loss on ignition ¹⁾ 2 h at 1000°C following ISO 3262-1 | % | 13 |
| pH value 5% in water following ISO 787-9 | — | 6 |
| Sulfat content as SO₄ IR spectrometrically Degussa method | % | 1 |
| Particle size Mean (TEM) d50 value (Laser diffraction) | µm | 3 6.0 |
| Surface treatment | | organic |
| Tamped density not sieved following ISO 787-11 | g/l | 130 |
| Density following ISO 787-10 | g/cm ³ | 1.9 |
| Oil absorption following ISO 787-5 | g/100 g | 230 |
| SiO₂ content ²⁾ following ISO 3262-19 | % | 98 |
| Package size (net) | kg | 15 |

1) based on dried substance
2) based on ignited substance

*) The given data are typical values.
Specifications on request.

ACEMATT® Matting agents are high performance silicas developed for a multitude of applications in Paints & Coatings.

ACEMATT OK 412 is an organically surface treated, easily dispersible matting agent for general applications.

Application and characteristics

This matting agent allows exceptional surface characteristics with excellent slip-effect, also in pigmented coatings. As a result of its outstanding suspension behavior, it is especially suitable for use in clear coats.

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