

Name	Deocoat 4112
Description	matting and texturing agent
Composition	PMMA beads
Appearance	micro beads

Analytical Values

Particle size d50 [µm]	ISO 13320	approx. 12
Particle size d90 [µm]	ISO 13320	approx. 14
Refractive Index nD25	DIN 51423 BI 2	1.49
Specific gravity	DIN ISO 787 T10A	1.19
*Product complies with FDA 21 CFR 177.1520 based on internal quality assurance		

Supply Form	cardboard box with 2 x 10 kg PE bags
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Storage Stability

In originally sealed package in cool and dry places	min. 12 months
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Classification and Labelling

For detailed information, please refer to our Material Safety Data Sheet.

Behaviour and Effects

Deocoat 4112 is a fine granulated matting and texturing agent for paints and coatings. Deocoat 4112 are highly transparent micro beads, providing a unique texture and improving scratch resistance for surfaces. Deocoat 4112 is easy to mix in all kind of lacquer- and water-based formulations. Deocoat 4112 offers excellent solvent resistance, chemical resistance and heat resistance of more than 280 °C.

Typical dosage:

- As matting agent around 1 - 5 %
- As texturing agent around 5 - 20 %

Typical application fields:

- Leather coating and industrial ink and paint to reduce light reflection, to improve scratch resistance and to offer a silky texture on the surface (< 15 µm)
- Plastic, wood and coil painting industry to improve scratch resistance and to texture surfaces

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