Silica-based rheology control additive

AERODISP® WF 7620

DESCRIPTION

AERODISP® WF 7620 is an aqueous 20 wt.% dispersion of a functionalized AEROSIL®.

KEY BENEFITS

- water-based dispersion
- highly compatible and easy to incorporate
- suitable for pigmented and clear formulations
- excellent rheology effect

EFFECT

Anti-settling

Anti-sagging

Corrosion resistance

SUITABILITY

waterborne	radiation-curing
●	○
solventborne	**1-pack coatings**
○	●
2-pack coatings	
●	

○ not suitable ◐ partly suitable ● suitable

TYPICAL APPLICATIONS

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

TECHNICAL DATA

pH-value	10 - 11
SiO_2 content	Approx. 20 %
stabilizing agent	DMEA
VOC Content, ASTM D6886-14e1	< 1.6 wt-%

RECOMMENDED ADDITION LEVEL

As supplied calculated on total formulation: 10 wt-%

PROCESSING INSTRUCTIONS

Addition during the let-down stage with slight stirring is recommended. Because the water content of the silica dispersion is about 60%, the water content of the coating formulation should be recalculated.

HANDLING & STORAGE

Depending on the region, the product is available in 60 kg container, 220 kg drums and 1000 kg intermediate bulk containers (IBC´s). All dispersions must be protected from extrem heat and frost. The product should be used within 12 months from date of production.

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