MODAFLOW® RESIN

TYPE
Acrylic flow modifier, without silicone addition

FORM OF DELIVERY (f.o.d.)
Active substance
approx. 100 %

PRODUCT DATA

Determined per batch:

- Colour / Appearance VLN 250
cless-lightyell
- Dynamic Viscosity DIN EN ISO 3219
dynamic viscosity [mPa.s] 60000 - 160000
(10 1/s; 23 °C)
- Colour Scale (Hazen) DIN EN ISO 6271-1
Hazan colour value <= 80
- Refractive Index DIN 53491
refractive index 1,4645 - 1,4670
(25 °C)
- Gel Particles (Modaflow) VLN 261
sediment <= 20

Not continually determined:

- Dynamic Viscosity (Brookfield) DIN EN ISO 2555
dynamic viscosity [mPa.s] 60000 - 160000
(7; 20 1/min; 25 °C)
- Density (Liquids) DIN EN ISO 2811-2
density [g/cm³] 0,99 - 1,03
(20 °C)
- Flash Point (Pensky-Martens) DIN EN ISO 2719
flash point [°C] 137

SPECIAL PROPERTIES AND USE

Flow modifier for non-aqueous industrial coatings and powder coatings.

Using of Modaflow Resin in non-aqueous industrial coatings can significantly improve the properties of unmodified resins as follows:
- Improve flow and leveling
- Reduce pinholes, fisheyes, craters and orange peel
- Improve substrate wetting
- Maintain or improve substrate adhesion
- Defoam and aid in air release
- Facilitate pigment dispersion

Modaflow resin is also effective in eliminating pinholes and craters in epoxy, polyester, hybrid, urethane, and acrylic powder coatings. Modaflow resin does not contain silicone ingredients. Modaflow Resin is regulated by the U.S. Food and Drug Administration (FDA) for indirect food contact applications under several parts of Title 21, Code of Federal Regulations. Details on specific coverage are available upon request.

Quantity to be added: 0,1 - 2,0 % on solid resin

STORAGE

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 1460 days.
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