

### 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

colour

colourless to light yellow

#### 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

Hazen 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  
approx.

### SPECIAL PROPERTIES AND USE

Suitable for radiation curing systems.

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.

