

INTRODUCTION

Modaflow 2100 is a flow modifier developed for high performance polyester and acrylic based, high solids and UV liquid coating applications. Modaflow 2100 contains no silicone ingredients.

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 (Brookfield) DIN EN ISO 2555

dynamic viscosity [mPa.s] 5000 - 12000
(7; 20 1/min; 25 °C)

Colour Scale (Hazen) DIN EN ISO 6271-1

Hazen colour value <= 80

Refractive Index DIN 53491

refractive index 1,4650 - 1,4676
(25 °C)

Gel Particles (Modaflow) VLN 261

sediment <= 20

Not continually determined:

Density (Liquids) DIN EN ISO 2811-2

density [g/cm³] 0,97- 1,01
(25 °C)

Flash Point (Pensky-Martens) DIN EN ISO 2719

flash point [°C] 137
approx.

SPECIAL PROPERTIES AND USE

Suitable for radiation curing systems.

The addition of Modaflow 2100 will help:

- improve flow and levelling
- reduce pinholes, fisheyes, craters, and orange peel
- improve substrate wetting
- aid in air release
- facilitate pigment dispersion

Quantity to be added: 0.1 - 1.0 % on solid resin

STORAGE

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