

TYPE

Acrylic flow additive for aqueous coatings, without silicone addition

FORM OF DELIVERY (f.o.d.)

Active substance

approx. 25 %

PRODUCT DATA

Determined per batch:

Dynamic Viscosity (Brookfield) DIN EN ISO 2555

dynamic viscosity [mPa.s] 25 - 250
(1; 100 1/min; 25 °C)

Colour Scale (Hazen) DIN EN ISO 6271-1

Hazen colour value <= 200

Non-Volatile Matter DIN EN ISO 3251

non-volatile matter [%] 23 - 27
(1 h; 150 °C; 2 g)

pH-Value DIN ISO 976

pH-value > 8
(10 %)

Not continually determined:

Colour / Appearance VLN 250

colour colourless to slightly yellow
appearance clear

Refractive Index DIN 53491

refractive index 1,3650 - 1,3750
(25 °C)

Density (Liquids) DIN EN ISO 2811-2

density [g/cm³] 0,98 - 1,04
(25 °C)

Flash Point (Pensky-Martens) DIN EN ISO 2719

flash point [°C] > 93

SUGGESTED USES

Suitable for radiation curing systems.

Modaflow AQ 3025 is an acrylic flow additive for aqueous coatings. It has been developed for use in water-reducible, latex, and dispersion systems and is compatible with a broad range of chemistries.

Modaflow AQ 3025 is amine neutralized in water and contains no organic solvents or silicone. The low viscosity of Modaflow allows for easy incorporation into the coating formulation versus Modaflow AQ 3000.

PROCESSING

Modaflow AQ 3025 promotes flow, leveling, provides surface defect control and aids pigment dispersion.

Suggested use level is 1 - 2 % Modaflow AQ 3025 solids on total coating resin solids. It may also allow the formulator to reduce solvent content or number of surface modifiers in the coating.

STORAGE

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 365 days.

