

# **MODAFLOW® AQ 3000 additives**

#### TYPE

Acrylic flow additive for aqueous coatings, without silicone addition

### FORM OF DELIVERY (f.o.d.)

#### Active substance

approx. 50 %

| PRODUCT DATA   |                         |                                  | SUGGESTED USES   |
|--|-------------------------|----------------------------------|--|
| Determined per batch:  | Determined per batch:   |                                  | Modaflow AQ 3000 is an acrylic flow additive for aqueous coatings. Modaflow AQ 3000 is amine neutralized in water and contains no organic solvents or        |
| Dynamic Viscosity (Brookfield) DIN EN ISO 2<br>dynamic viscosity<br>(7; 20 1/min; 25 °C) | 2 <b>555</b><br>[mPa.s] | 45000 - 120000                   | Modaflow AQ 3000 has been developed for use in water-reducible, latex and dispersion systems and is compatible with a broad range of chemistries.            |
| Colour Scale (Hazen) DIN EN ISO 6271-1<br>Hazen colour value                             |                         | <= 200                           |  |
| Non-Volatile Matter DIN EN ISO 3251  |                         |                                  | PROCESSING   |
| non-volatile matter<br>(1 h; 150 °C; 2 g)  | [%]                     | 47 - 53                          | Modaflow AQ 3000 promotes flow, leveling, provides surface defect control, and aids pigment dispersion.  |
| Colour / Appearance VLN 250  |                         |                                  | Suggested use level is 1 - 2 % Modaflow AQ 3000 solids on total coating resin  |
| colour   |                         | colourless to<br>slightly yellow | solids.  |
| appearance   |                         | clear                            | It can be readily diluted in water and introduced into the coating throughout<br>the formulation process. It may also allow the formulator to reduce solvent |
| Not continually determined:  |                         |                                  | content or number of surface modifiers in the coating.   |
| <b>pH-Value DIN ISO 976</b><br>pH-value<br>(10 %)  |                         | 8,5 - 10,5                       | <b>STORAGE</b><br>At temperatures up to 25 °C storage stability packed in original containers  |
| Refractive Index DIN 53491<br>refractive index<br>(25 °C)                                |                         | 1,4050 - 1,4150                  | amounts to at least 365 days.  |
| <b>Density (Liquids) DIN EN ISO 2811-2</b><br>density<br>(25 °C)                         | [g/cm³]                 | 1,06 - 1,10                      |  |
| Flash Point (Pensky-Martens) DIN EN ISO 27<br>flash point                                | 2 <b>19</b><br>[°C]     | > 93                             |  |
|  |                         |                                  |  |

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## **MODAFLOW® AQ 3000 additives**



**Technical Datasheet** 

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