

TECHNICAL INFORMATION

Mowilith® LDM 7030

Characteristics :

Mowilith LDM 7030 is an acrylic copolymer based associative thickener for aqueous paints with superior thickening property .

Stabilization

Surfactants

Recommended Uses

Rheology modifier

Thickener for Interior and Exterior emulsion paint.

Specification

- These technical data are determined for each lot before its release by our quality control laboratory

Properties

SPECIFICATION	Unit	Value
Solid Content(DIN 53 189/ISO 1625)	%	29 -31
Viscosity (ISO 2555; 25°C) Brookfield viscometer RVT; spindle no.5; 100rpm	cps	40
pH Value (DIN 53 785 / ISO 1148)	-	3.0 ±1.0

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Advantages

Storage stability of paint with Mowilith 7030 is much superior to with CMC or HEC.

- Handling is greatly simplified, compared to that required with powdered natural or synthetic gums, cellulosic thickeners.
- Solution of Mowilith 7030 effectively suspend pigments, abrasive and other finely divided solids.
- The sodium salt of Mowilith 7030 is a highly efficient thickener for these suspensions and the thickened pigment suspension has good stability.
- Unlike conventional thickeners, salts of Mowilith 7030 have little flocculating action, thickened lattices are free of any creaming tendency and aqueous suspensions are free of sedimentation.
- The high viscosity of Mowilith 7030 solutions, even at low concentrations, suggests their use to suspend pigments & fillers in water based paints, inks or other coatings of the abrasive particles in waters or polishes.

Process

Mowilith 7030 should be incorporated directly into the systems to be thickened without pre neutralization; this avoids handling a viscous thickener solution. If the system contains enough free alkalinity to neutralize Mowilith 7030 the “insitu” solubilisation & thickening takes place. If no free alkalinity is present then alkali can be added to the system containing Mowilith 7030 & “insitu” thickening will occur. Mowilith 7030 is fully neutralized at a pH approx.. 8.0

Preservation and storage

We recommend storing the material in a dry, cool and airy place, at temperatures not exceeding 25 ° C in its original container properly sealed.

Opened containers should be closed after use. In case of residual material, should be consumed as soon as possible.

Industrial Safety and Environmental Protection

Mowilith[®] LDM 7030 is a non-toxic aqueous dispersion and there is no risk handling this product during application. Basic rules for handling chemicals should be maintained (see data sheet).



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