

TECHNICAL INFORMATION

Mowilith® LDM 6400

Characteristics :

- Mowilith LDM 6400.IN Liq is a plasticizer-free aqueous dispersion based on Styrene & acrylic ester emulsion

Stabilization

- Surfactants

Recommended uses

- 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/ISO 1625)	%	49 - 51
Viscosity (ISO 2555; 25°C) Brookfield viscometer RVT; spindle no.5; 100rpm	mPa.s	3500 ± 600
pH Value (DIN 53 785 / ISO 1148)	-	8.5 ±0.5

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ADDITIONAL DATA	Unit	Value
Dispersion		
Minimum film forming temperature (MFFT) (DIN 53787 / ISO 2115)	°C	Approx. 19
Particle Size	µm	0,48
Film*		
Aspect		Almost clear, hard & Tack free
Glass transition temperature (Tg) (DIN 53 765) (DSC , Heating Rate 10K/Min)	°C	Approx. 22
<i>*Dried under standard atmospheric conditions at 23°C and 50% RH(DIN EN 23 270)</i>		

These data are used only to describe the product. They are not subject to constant monitoring or part of the specification.

Application

Mowilith LDM 6400 is suitable as binder for highly pigmented emulsion paint for interior as well as exterior paint. Due to high Tg of the polymer the emulsion is also suitable for formulation of Satin finish paints. It is also recommended for applications in which high water resistance and alkali resistance are desirable.

Process

The usual titanium dioxide pigments and extenders can be used in the production of paint. To receive the best scrub resistance of the paint, optimization of the amount of dispersing agent such as Mowiplus XW 330 is necessary. To lower the minimum film forming temperature, addition of solvents such as Texanol is recommended ,the addition of which is done with due care .

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.

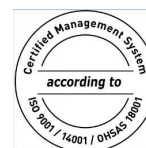
Industrial Safety and Environmental Protection

Mowilith[®] LDM 6400 is a non-toxic aqueous dispersion and there is no risk handling this product during application. Basic rules for handling chemicals should be maintain (see data sheet).

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