®Mowilith LDM 1891

Technical Data Sheet

Effective Date: 15.12.2017

Characteristics

Mowilith LDM 1891 is an aqueous copolymer dispersion based on vinyl acetate and ethylene.

Stabilization

Surfactants

Industries

Mowilith LDM 1891 is a raw material for the paints and coatings industry. It is used in the formulation of

- Low emission interior mat paints
- Low emission interior satin gloss paints

Why Mowilith LDM 1891?

- Universal binder for low emission mat and satin gloss paints
- High solids content
- Very good scrub resistance

Performance may vary depending on your formulation. Please contact our Application Technology Group to assist you.

Supply Specification	Adjusted Standard*	Unit	Value
Solids content (130 °C; 30 min)	ISO 3251	%	57 – 59
Brookfield viscosity (25 °C; 2/20)	ISO 2555	mPa·s	200 – 1600
pH value (neat)	ISO 976		4.5 – 5.5

Further Typical Properties	Adjusted Standard*	Unit	Value
Minimum film forming temperature	ISO 2115	°C	approx. 0
Glass transition temperature	ISO 16805	°C	approx. 13

* Standard adjusted to Celanese method. Further details regarding the test method can be made available on request.

Guidelines for Preservation and Storage

Mowilith LDM 1891 has a limited shelf life. It is necessary to store the product hygienically at temperatures between 5 and 35 °C, avoiding frost and direct sunlight.

The dispersion contains some initial biocides to impede attack by microorganisms.

In order to protect the product appropriately against microbiological attack after the first opening and storage thereafter in opened drums, tanks or other storage facilities, please consider adding a suitable preservative.

Furthermore, it must be ensured that already opened drums and containers are always tightly closed. All tanks and pipework should be kept adequately clean.

Skins or lumps can form during storage and transport of the dispersion due to its film forming nature. A filtration or sieve process is recommended before further processing. For bulk storage, regular stirring is common practice.

Product Safety, Regulatory Status and Environmental Protection

Please employ the usual protective measures while handling aqueous polymer emulsions. Further product safety or regulatory information can be obtained from our safety data sheets at www.celanese.com/msds and our regulatory data sheets which are available on request.

As of its effective date, this Technical Data Sheet supersedes and is in lieu of all former Technical Data Sheets of Mowilith LDM 1891.

This information is based on our present state of knowledge and is intended to provide general notes on our products and their possible uses. However, we do not assume any liability whatsoever for the accuracy or completeness of the information contained herein. It should therefore not be construed as an expressed or implied warranty of specific properties of the products or for its suitability for a particular use. Any existing industrial property rights must be observed. The quality of our products is governed by our General Conditions of Sale. In every case we urge and recommend that purchasers before using any product in full scale production make their own tests to determine to their own satisfaction whether the product is of acceptable quality and is suitable for their particular purposes under their own operating conditions.

Celanese Sales Germany GmbH
D-65843 Sulzbach (Taunus)
Tel.: +49 69 45009 2162
emulsion.polymers@celanese.com

www.celanese.com/emulsion-polymers