



MSO-DM

Low molecular weight siloxane resin with functional groups

Characteristics

MSO-DM – polymethyl alkoxy siloxane with functional reactive groups.

Features

- Insoluble in water, but easily soluble in almost all organic solvents, including alcohols;
- does not contain phenyl groups;
- combined with other organic binders for the production of paints;
- the presence of reactive groups ensures, after the application of the protective coating, the formation of a strong chemical bond with the processed material, while ethanol is released and evaporated.

Applications

- For the production of weather-resistant facade paints;
- independently in solvents for hydrophobic weather-resistant protection of various materials;
- to obtain aqueous emulsions with their further use for the production of high-quality water based paints;
- for the production of heat-resistant silicone enamels;
- can be used as a binder for the production of electrical insulating and heat-resistant sealants or plates.

Storage

Store in original containers in a dry, cool and ventilated place, away from sources of ignition and high temperatures. Protect from direct sunlight. Keep away from alkalis, strong oxidizing agents and organic acids.

The shelf life is 12 months at temperature from 0°C to +30°C. Storage over the date specified on the label does not necessarily mean the product is unusable. In case if store more please check the properties of product before use.

Packing

Material - high density polyethylene (HDPE):

- canisters with a capacity of up to 20 dm³;
- barrels with a capacity of up to 200 dm³;
- containers - 1 m³.

Steel barrels with an internal polymer coating with a capacity of up to 200 dm³.

Safety instructions

Please see detailed instructions in the relevant product safety data sheet, which can be provided upon request.

Technical characteristics

Parameter name and measure unit	Standard
Appearance	Colorless or slightly yellowish liquid with slight opalescence
Density at temperature (+25,0±0,5)°C, g/cm ³ , min.	1,035
Kinematic viscosity at temperature (+25±0,5)°C, cSt, min.	30,0
The reaction of the medium (pH of non-aqueous solution)	6,5 – 8,0 *
*MSO-DM can be produced with pH values agreed with the customer.	

To obtain more information please contact your nearest representative office of Silkor Ltd.

LIMITED WARRANTY INFORMATION

PLEASE READ CAREFULLY

The information contained herein is accurate, but it does not relieve the customer from the control of each batch of products supplied. Since the conditions and methods of use of our products are beyond our control, the recommendations contained in this document should be updated by the client providing preliminary tests. Recommendations for use should not be construed as a guarantee of product suitability for a particular purpose.

Silkor Ltd only guarantees that the product meets its specifications in effect at the time of delivery.