

DUVILAX® LM-52

Glass fibres industry
Adhesives manufacture

Composition:

A homopolymer polyvinyl acetate dispersion without filling and softening agents. The emulsion system is composed of non- ionogenous emulsifier and polyvinyl alcohol acting as protective colloid. Duvilax® LM-52 does not prove any health or usage risks (no R-sentences and S-sentences).

Properties:

A water dispersion of white color with a characteristic smell. It is non-toxic, incombustible, non-explosive, posing no health or hygienic hazards and biodegradable. The dispersion film is transparent, extensively hard, brittle and non- adhesive.

Parameters:

Dry matter content	50.0 %
Viscosity	300 – 2 000 mPa.s (Rheotest) 1 000- 4 500 mPa.s (according to ISO 2555, Brookfield RVT)
pH value	3-5
min. film-forming temperature	18 °C
particle size	350-750 nm

Usage:

Duvilax® LM-52 is used to produce glass fibres as a basic component for the preparation of lubricate dilution at haulage of primary fibre. It makes the yarn smooth and soft, eliminating the processed fibres rubbing, fragmentation and breakage. It can be added to some types of glaze dilutions for emulsion mat. Duvilax® LM-52 is also suitable for dispersed adhesives preparation for paper, polygraph, woodworking and building industry.

Packing:

Packed in 30 kg PE -kegs; 125 kg PE- barrels; 200 kg steel barrels; 1000 kg plastic container, road tank cars and railway tanks.

Storage:

Duvilax® LM-52 is stored in original, undamaged, closed packaging by temperatures from 5°C to 40°C and must not be exposed to direct sunshine. Goods delivered in tanks is stored in special storage bins protected against corrosion caused by mildly acid medium. There must not be free airflow from the surroundings in bins (for instance use water valve) or there must be mixer given. It is necessary to mind not to mix it with other medias and also with microbiological exceptionable materials. After emptying the tank it is necessary to clean and disinfect with the help of biocide agent.

Guarantee period:

6 months under the observation of storage conditions.

The given data are only of an informative character and are not complete. Before each use it is recommended to try an adhesive in concrete conditions. Further information can be obtained at:

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