

DUVILAX® LM-52

Properties

Homopolymeric polyvinyl acetate dispersion in the aqueous environment without fillers and plasticisers. The emulsion system consists of a non-ionic emulsifier and polyvinyl alcohol as a protective colloid. It is biodegradable.

Application

Duvilax LM-52 is used in production of glass fibres as a basic component for preparation of a lubricative solution when pulling a primary fibre. This primary fibre gives smoothness to yarn, prevents from abrasion, splitting and breaking of fibres during processing. It may also be added into some types of finishing solutions for emulsion mats. Duvilax® LM-52 is also suitable for the production of dispersive adhesives for the paper, printing, wood-processing and building industry.

Packaging

plastic packages: 30kg keg, 125kg barrel; steel barrel 200kg, 220kg; plastic container 1,000kg; rail and car tank.

Parameters

appearance	viscous liquid of white colour
dry matter content	min. 50,0 %
viscosity	300 - 2 000 mPa.s (Rheotest) 500 - 5 000 mPa.s (Brookfield RVT, ISO 2555)
pH	3 – 5
min. film forming temperature	18 °C
film properties	transparent, hard, fragile and non-sticky
particle size	350 - 750 nm

Storage

Duvilax LM-52 is stored in the original, undamaged and closed containers, at the temperature ranging from 5°C to 40°C; it must not be exposed to direct sunlight. Goods delivered in cisterns are stored in specially designed reservoirs protected against corrosion due to the effect of the slightly acid environment. Free access of air from the surrounding environment needs to be prevented in reservoirs (for example via a water valve) or reservoirs need to be equipped with an agitator. Avoid mixing with other agents and micro-biologically defective material. After emptying a reservoir, the reservoir needs to be cleaned and disinfected with a biocidal agent.

Warranty

6 months from the date of production if storage conditions are observed.

Updated: 05/2017

This technical data sheet cancels all previous versions and replaces them. Information contained therein are not binding and are only of an informative and general character. They are based on our own experience, research and objective testing. The product meets the above specifications only during the warranty period and under the conditions in this data sheet. The company Duslo, Inc. does not guarantee the suitability of the product for a particular purpose. Use of the product for a specific purpose, including suitability for a particular purpose and methods of its use, is the customer obliged to test in specific technology conditions. Information relating to health and safety at work are provided in the Material Safety Data Sheet. More product information, details and contacts are available on www.duslo.sk. Written and / or oral advice, relating to a product, has the character of a non-binding recommendation.