

PLEXTOL M 630 is an aqueous emulsion of a thermoplastic acrylic polymer.

For further information regarding this product please refer to:

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Property	Typical Value	Unit	Method ¹
Solids Content	50.0	%	DIN ISO 3251
pH Value	7.0		DIN ISO 976
Viscosity	< 2500	mPa s	ISO 1652
Glass Transition Temperature	52	°C	DIN 53765

¹ internal method based upon the specified norm

Application Advice

Applications Thermoformable finishing of fabrics and non-wovens for separators in acid batteries. Washable stiff finishes for textiles and non-wovens. Film properties Evaporation of the water above the minimum film-forming temperature leaves a clear, colourless film which is hard and brittle at room temperature. The film is soluble in organic solvents with the exception of aliphatic hydrocarbons. It shows good resistance to aqueous media, also in the acid and alkaline range. Particularly noteworthy is its good lightfastness and resistance to weathering and ageing.; Instruction for use- PLEXTOL M 630 can be diluted with water to provide spraying and impregnating liquors of any desired concentration.; - These liquors can be foamed by mixing in air. For impregnation by means of foam, we recommend the addition of Marlipal 013/109 (approx. 2 g/l) as a foaming agent and Rohagit SD 25 (approx. 10 g/l) as a foam stabiliser. For coatings on a foam base, we suggest ammonium stearate as a foaming agent.; - PLEXTOL M 630 can be thickened by means of thickener emulsions (e.g. ROHAGIT SD 15), thickener solutions (acrylate thickener solutions) and cellulose or starch derivatives to provide printing, nip-padding and coating compounds.; - By mixing PLEXTOL M 630 with other emulsions from the PLEXTOL range, the film properties of the former can be influenced within wide limits and thus adapted to the intended application.

Shipping and Storage

This product is supplied in road tankers or in non-returnable plastic drums secured by a lid with clamping ring or in non-returnable palletized bulk containers (net volume 1.000 lt). The product must be protected from frost and exposure to direct sunlight. Storage temperatures between +5 °C and +30 °C are recommended. The product contains in-can preservation to protect it against microbiological attack during transportation. For protection against microbiological contamination during storage stringent plant hygiene is essential. Depending on the storage conditions addition of suitable preservatives may be necessary. Care must be taken that drums and containers are properly closed. During storage, shipping and handling contact with metal surfaces that are not corrosion protected must be avoided. When stored properly, the product has a shelf life of 6 months from the date of delivery.

Product Safety

Before handling, please read the Safety Data Sheet of this product for advice on safety, use and disposal.