

ACRALEN SNX 7675 is an aqueous emulsion of a self-crosslinking styrene-butadiene-acrylonitrile copolymer.

For further information regarding this product please refer to:

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Property	Typical Value	Unit	Method ¹
Solids Content	50,0	%	ISO 3251
pH Value	7,5		ISO 976
Viscosity	< 500		ISO 1652
Glass Transition Temperature	35	°C	ISO 53765

¹ internal method based upon the specified norm

Application Advice

Reinforce non-woven fabrics in the manufacture of grinding and polishing cloth. Boilproof and dry-cleanable finishing of textiles and non-woven. Film properties: Evaporation of the water above the minimum film-forming temperature leaves a transparent film which is slightly yellow at room temperature. In order to obtain complete crosslinker, additional heat treatment is required. We recommend 5 min. at 140°C for film on which physical or chemical test are to be performed. The crosslinked film is very hard and brittle at room temperature. It is insoluble in water and resistant to many acids and alkalis. It is virtually insoluble in organic solvents. Instructions for use: ACRALEN SNX 7675 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. 10g/L) as a foam stabiliser. For coatings on a foam base, we suggest ammonium stearate as a foaming agent. ACRALEN SNX 7675 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. The drying process must guarantee adequate crosslinkage of the polymer, i.e. after evaporation of the water, the material must reach a temperature between 130 and 160 °C for a short period. The crosslinkage reaction is catalysed by and can be accelerated by adding phosphoric acid or p-toluene sulphonic acid (approx. 10 g/L of a 10% solution on emulsion).

Shipping and Storage

Store at an even temperature of between +5°C and +35°C avoiding frost and direct sunlight. Stir product before use. If stored according to these conditions and in the original unopened containers, the dispersion will be stable for 12 months following delivery. Product should be used as soon as possible after opening. During processing, storage and transport, avoid any contact with metals (including non-ferrous metals) which are not protected against corrosion. Detailed information is available on request.

Product Safety

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