

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

For further information regarding this product please refer to:

Consumer Materials Synthomer

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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. Boil proof and dry-cleanable finishing of textiles and nonwoven. Film properties: Evaporation of the water above the minimum film-forming temperature leaves a transparent film which is slightly yellow at room temperature. 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 a foaming agent and a foam stabilizer. 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 cross-linkage 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 crosslinking reaction is catalyzed and 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.