

SYNTHOMER X6810 is an aqueous, colloidal dispersion of carboxylated butadiene-acrylonitrile copolymer with a medium acrylonitrile level. The dispersion contains an emulsifier system and is stabilized with an antioxidant.

For further information regarding this product please refer to:

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Property	Typical Value	Unit	Method ¹
Solids Content	45	%	ISO 124
pH Value	8.2	-	ISO 976
Viscosity	50	mPa.s	ISO 1652
Surface Tension	39	mN/m	ISO 1409
Acrylonitrile Content	Medium		

¹ internal method based upon the specified norm

Application Advice

SYNTHOMER X6810 is primarily designed for the manufacture of fabric supported gloves. Its high surface tension means that it is less likely to penetrate the fabric when it is dipped into the latex compound and at the same time allowing good bonding between the fabric and the latex layer. Hence, gloves made from this latex have good abrasion and puncture resistance properties. Our technical service team would be pleased to provide you with a typical formulation as a guide and assist if needed.

Shipping and Storage

SYNTHOMER X6810 is supplied in road tankers or in non-returnable plastics drums secured by a lid with clamping ring or in non-returnable palletized bulk containers. Store at an even temperature of between +5°C and +35°C, avoiding frost and direct sunlight. Care must be taken that drums and storage containers are closed tightly. During processing, storage and transport of the product, contact with metals, unprotected against corrosion (likewise non ferrous metals), has to be avoided. If stored according to these conditions, in appropriate containers or in bulk condition with proper hygiene management, Synthomer is able to confirm that the latex will be stable for 6 months from production date.

Product Safety

Please refer to the Material Data Sheet for safety and environmental information. SYNTHOMER X6810 is not classified as dangerous to EU Directive 1999/45/EC and does not require any special labelling.