

SYNTHOMER 6348HS is an aqueous, colloidal dispersion of carboxylated butadiene-acrylonitrile copolymer with high acrylonitrile content. The dispersion contains an emulsifier system and is stabilized with an antioxidant. It offers high tensile strength and force-at-break for dipped gloves.

For further information regarding this product please refer to:

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Property	Typical Value	Unit	Method ¹
Solids Content	45.0	%	ISO 124
pH Value	8.2	-	ISO 976
Viscosity	85	mPa.s	ISO 1652
Surface Tension	30.0	mN/m	ISO 1409
Acrylonitrile Content	High		

¹ internal method based upon the specified norm

Application Advice

SYNTHOMER 6348HS is easy to compound with no specific requirements during compounding as the material provides good stabilization. It is easily adaptable to most manufacturing, providing high yield.

SYNTHOMER 6348HS is recommended for producing ultra thin glove with a superior Force at Break (FAB) and balanced elongation at break. The product are characterized by faster film gelation for better adaptability to produce articles of very low thickness with good film formation using a typical coagulant dipping process. With the right formulation, products made from it are characterized by their excellent chemical resistance and good durability. 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 6348HS 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. Store at an even temperature of between +5 C and + 35⁰ 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 Safety Data Sheet for safety and environmental information.