

SYNTHOMER X6311 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:

Synthomer Sdn Bhd

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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	31	mN/m	ISO 1409
Acrylonitrile Content	Medium		

¹ internal method based upon the specified norm

Application Advice

SYNTHOMER X6311 is easy to compound with no specific requirements during compounding as the material provides good stabilization. It is easily adaptable to most manufacturing conditions, providing high yield.

SYNTHOMER X6311 is recommended for the manufacture of disposable gloves with a good balance between strength and softness. The product are characterized by moderate gelation and is easily adaptable to double dipping. Our technical service team would be please to provide you with a typical formulation as a guide and assist if needed.

Shipping and Storage

SYNTHOMER X6311 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 Safety Data Sheet for safety and environmental information, SYNTHOMER X6311 is not classified as dangerous to EU Directive 1999/45/EC and does not require any special labelling.