

SYNOVUS LITE is an aqueous, colloidal dispersion of carboxylated butadiene-acrylonitrile copolymer with medium acrylonitrile content. The dispersion contains an emulsifier and is stabilized with an antioxidant.

For further information regarding this product please refer to:

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| Property              | Typical Value | Unit              | Method <sup>1</sup> |
|-----------------------|---------------|-------------------|---------------------|
| Solid Content         | 45.0          | %                 | ISO 3251            |
| pH Value              | 8.3           | -                 | ISO 976             |
| Viscosity             | 100           | mPa.s             | ISO 1652            |
| Surface Tension       | 31            | mN/m              | ISO 1409            |
| Acrylonitrile Content | Medium        |                   |                     |
| Density at 25°C       | 1.0           | g/cm <sup>3</sup> | ASTM D1475          |

<sup>1</sup> internal method based upon the specified norm

## Application Advice

SYNOVUS LITE is easy to compound with conventional formulations. It requires no specific conditions during compounding, as the material provides good stabilization. It is easily adaptable to most manufacturing processes, resulting in high yield.

SYNOVUS LITE is recommended for producing ultra-thin gloves with superior force at break (FAB) and good comfort. The product is characterized by faster gelation, which enhances adaptability for producing articles of very low thickness without shrinkage using typical coagulant dipping processes. The film can be easily stripped from the mold, contributing to a lower rejection rate. Products made from SYNOVUS LITE exhibit excellent water repellence and are less soapy. Our technical service team would be pleased to provide you with a typical formulation as a guide and assist if needed.

## Shipping and Storage

SYNOVUS LITE 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 + 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.