



Technical Data Sheet

Europrene® Latice SB LATEX

B010 BCA Styrene – Butadiene Copolymer Bio-Circular Attributed



Europrene® Latice B010 BCA is an aqueous anionic dispersion of a styrene-butadiene copolymer with high solid content obtained by emulsion polymerization using fatty acid soap as emulsifier. It does not contain any antioxidant.

Sustainability

Bio raw materials can be used in production processes together with traditional raw materials. In order to attribute sustainability characteristics to the final product, Versalis applies the **Mass Balance** approach, an acknowledged methodology that ensures that the sustainability characteristics of the alternative raw material, mixed with traditional naphtha, correspond to those of the final product. BCA products are provided with a **sustainability declaration** indicating the amount of Bio-Circular Attributed component. They guarantee identical performance, quality and properties, as they do not differ in chemical composition and physical-mechanical performance from standard products.

Main Properties	Test Method	Unit	Typical Value
Total solid content	ASTM D 1417	% wt	51
Brookfield Viscosity 20 rpm, 25°C	ASTM D 1417	mPa.s	25
Bound Styrene	ASTM D 5775	% wt	82
pH	ASTM D 1417		11

Key Features

Europrene® Latice B010 BCA has high bound styrene content and it is mainly blended with other styrene-butadiene latices to increase the stiffness. It can be blended with natural latex.

Main Applications

Europrene® Latice B010 BCA is mainly used as reinforcing latex for moulded foams and non-woven fabric impregnation.

Physical Form

At standard condition (T=25 °C P=1 bar) is liquid, color white or milky white.

Packaging

Europrene® Latice B010 BCA is delivered in bulk using tank trucks, flexitank and IBC (1000 l.)

Storage Conditions

Store in closed vented tanks or in a covered place in sealed packaging, away from sunlight and heat sources, at temperature between +5 and +40 °C. If pH drops below 10, it can be adjusted through the addition of KOH solution. The dispersion should be stirred before use. The shelf life is 6 months from delivery date.

Please consult the relevant safety data sheet for more detailed information.

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