



Technical Data Sheet

Europrene® Latice

SB LATEX

084 BCA

Styrene – Butadiene Copolymer Bio-Circular Attributed



Europrene® Latice 084 BCA is an aqueous anionic dispersion of a styrene-butadiene copolymer with low 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	41
Brookfield Viscosity 20 rpm, 25°C	ASTM D 1417	mPa.s	50
Bound Styrene	ASTM D 5775	% wt	24
pH	ASTM D 1417		11

Key Features

Europrene® Latice 084 BCA is specially designed to provide an excellent adhesion between tyre cord fabric and the rubber compound. The product is compatible with vinyl pyridine latex. It displays excellent mechanical stability with low cream value and foaming.

Main Applications

Europrene® Latice 084 BCA is mainly used for fabric impregnation and cord dipping (Polyamide, Polyester and Rayon) in combination with vinyl pyridine latex, for tyres, V-belts and conveyor belts.

Physical Form

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

Packaging

Europrene® Latice 084 BA 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°C 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.

