



Technical Data Sheet

Europrene® Lattice

XSB LATEX

455 BCA

Styrene – Butadiene Copolymer Bio-Circular Attributed



Europrene® Lattice 455 BCA is an aqueous dispersion of a modified carboxylated styrene-butadiene copolymer obtained using synthetic anionic emulsifiers. It contains a non staining 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	50
Brookfield Viscosity 20 rpm, 25°C	ASTM D 1417	mPa.s	300
Bound Styrene	ASTM D 5775	% wt	47
pH	ASTM D 1417		8.0

Key Features

Europrene® Lattice 455 BCA is completely ammonia free. It is a functional polymer designed to provide good binding properties and excellent runnability on high speed impregnation lines.

Main Applications

Europrene® Lattice 455 BCA is mainly used for paper saturation (masking tape) when a medium-soft handle is required.

Physical Form

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

Packaging

Europrene® Lattice 455 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°C and +40°C. The water dispersion should be stirred before use.

The shelf life is 6 months minimum.

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

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