



Technical Data Sheet

Europrene® Latice

XSB LATEX

5584 BCA

Styrene – Butadiene Copolymer Bio-Circular Attributed



Europrene® Latice 5584 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	400
Bound Styrene	ASTM D 5775	% wt	60
pH	ASTM D 1417		8.0

Key Features

Europrene® Latice 5583 BCA is completely ammonia free. It is a functional polymer with medium handle/ stiffness offering an excellent binding power and it can be used alone or with most common fillers such as calcium carbonate/kaolin; the viscosity of compounds can be adjusted to the desired level using a standard thickener.

Main Applications

Europrene® Latice 5584 BCA is used for carpet back-sizing, needlefelt impregnation when a medium-firm handle is required.

Physical Form

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

Packaging

Europrene® Latice 5584 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.

