



Technical Data Sheet

Europrene® Latice

XSB LATEX

5588 BCA

Styrene – Butadiene Copolymer Bio-Circular Attributed



Europrene® Latice 5588 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 | 51 |
| Brookfield Viscosity 20 rpm, 25°C | ASTM D 1417 | mPa.s | 350 |
| Bound Styrene | ASTM D 5775 | % wt | 50 |
| pH | ASTM D 1417 | | 7.8 |

Key Features

Europrene® Latice 5588 BCA is completely ammonia free. It is a functional polymer with soft handle and can be used alone or with most common fillers; the viscosity of compounds can be adjusted to the desired level using a standard thickener. It shows good performances at high filler loading.

Main Applications

Europrene® Latice 5588 BCA is used for soft handle primary backings, anchor coatings and secondary backings.

Physical Form

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

Packaging

Europrene® Latice 5588 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.

