



## 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 backsizing, needlefelt impregnation when a medium-firm handle is required and for the finishing of coated paper. It has a high latex stability and good printability for offset/web offset paper.

### 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.

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

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