



## Technical Data Sheet

# Europrene® Lattice

XSB LATEX

# 8435 BCA

Styrene – Butadiene Copolymer Bio-Circular Attributed



Europrene® Lattice 8435 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	600
Bound Styrene	ASTM D 5775	% wt	69
pH	ASTM D 1417		7.5

### Key Features

Europrene® Lattice 8435 BCA is completely ammonia free. It is a functional polymer with very firm 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® Lattice 8435 BCA is mainly used in very firm handle carpet back sizing and needlefelt impregnation.

### Physical Form

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

### Packaging

Europrene® Lattice 8435 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.

