



Technical Data Sheet

Europrene®

HSR
Emulsion Resin - Rubber Masterbatch

HS 630 BCA

Styrene – Butadiene Copolymer Bio-Circular Attributed



Europrene® HS 630 BCA is a resin rubber masterbatch obtained by coagulating with acid a blend of a high styrene resin latex and a SBR latex. A non-staining antioxidant is added during the production process.

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
Mooney Viscosity ML 1+4(100 °C)	ASTM D 1646	MU	56
Bound Styrene	ASTM D 5775	% wt	63
Organic Acid	ASTM D 5774	% wt	5
Soap	ASTM D 5774	% wt	0.3 max
Volatile Matter	ASTM D 5668	% wt	1.0 max
Ash	ASTM D 5667	% wt	0.4 max

The product is free from any nitrosing agent and essentially free from pre-formed nitrosamines and nitrosable substances.

Key Features

Europrene® HS 630 BCA, a self reinforcing SBR, is used in blends with general purpose rubbers to obtain high hardness, high modulus and improved abrasion resistance.

Main Applications

Footwear, flooring, sheeting, hoses and technical goods.

Physical Form

Off - white granulate in polyethylene bags or in bulk.

Packaging

Wooden pallet IPPC, total weight 1100 kg; 20 kg polyethylene bag, 55 bags per pallet (1100 x 1300 x H1800-2000mm). Polyethylene bags conveyed by container, total weight 11000/22000 kg ; 20 kg bag, 550/1100 bags per container. Wooden crate for container; total weight 500 kg; (1530 x 1145 x H1090 mm). Bulk autosilos, net weight: kg 18500.

Storage Conditions

Stored in a vented, dry area at temperatures between 20°C and 30°C, with no direct sunlight.

Shelf life: 18 months minimum.

