EUROPRENE®

S-SBR

SOL B 1205

Styrene - Butadiene Copolymer

Europrene® SOL B 1205 is a solution styrene-butadiene partial block copolymer, polymerized using an alkyl lithium catalyst.

A non-staining, BHT and TNPP free antioxidant system is added during the production process.

Main Properties	Test Method	Unit	Typical Value
Mooney Viscosity ML 1+4(100 °C)	ASTM D 1646	MU	50
Bound Styrene	Internal Method	% wt	26
Block Styrene	Internal Method	% wt	18
Brookfield Viscosity	ASTM D 2983	cP	1250
Volatile matter	ASTM D 5668	% wt	0.75 max
Ash	ASTM D 5667	% wt	0.2 max

Key Features

Europrene® SOL B 1205 exhibits a narrow molecular weight distribution that assures excellent performance to adhesives applications. The diblock properties have made this type of rubber an important additive for HIPS preparation in order to modify the morphology. It is well suited for footwear and technical rubber good compounds; advantages include wear resistance, flex life, tear resistence, clear color, excellent processability and appearance of the final product.

Main Applications

Adhesives, bitumen modification, HIPS production, footwear, calendered and extruded articles, sheeting, flooring, carpet underlay.

Physical Form

Water white to cream coloured bales wrapped in easily dispersible polyethylene film.

Packaging

Returnable metal crate, nominal net weight 990 kg; 33 kg bale, 30 bales per crate (1465 x 1150 x H1123 mm).
Wooden crate: nominal net weight 990 kg; 33 kg bale, 30 bales per crate (1490 x 1150 x H975 mm).

Storage Conditions

Store in a vented, dry area at temperatures between 20°C and 30°C; no direct sunlight.
Shelf life: 12 months minimum.