



versalis

Technical Data Sheet

EUROPRENE®

S-SBR

SOL 1205

Styrene - Butadiene Copolymer

Europrene® SOL 1205 is a solution styrene-butadiene partial block copolymer, polymerized using an alkyl lithium catalyst at the Grangemouth production facility in Scotland, UK.
A non-staining antioxidant is added during the production process.

Main Properties	Test Method	Unit	Typical Value
Mooney Viscosity ML 1+4(100 °C)	ASTM D 1646	MU	53
Bound Styrene	ASTM D 5775	% wt	25
Block Styrene	Internal Method	% wt	18
Solution Viscosity	Internal Method	cP	10 ⁽¹⁾
Volatile matter	ASTM D 5668	% wt	0.75 max
Ash	ASTM D 5667	% wt	0.2 max

⁽¹⁾ 5% wt/wt in Styrene at 25°C

Key Features

Europrene® SOL 1205 exhibits a narrow molecular weight distribution and a very low insolubles content making it particularly suitable for adhesives applications.
Bales are friable and easy to break up and disperse.

Main Applications

Calendered and extruded articles, cables, sheeting, flooring, carpet underlay, adhesives, bitumen modification, HIPS.

Physical Form

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

Packaging

Goodpack MB5 crate: total weight 990 kg; 33 kg bale, 30 bales per crate (1465 x 1150 x H1098 mm).

Wooden crate: total weight 990 kg; 33 kg bale, 30 bales per crate (1495 x 1150 x H1030 mm).

Storage Conditions

Store in vented, dry area at temperatures between 20°C and 30°C; no direct sunlight.

Shelf life: 12 months minimum.

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

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