



versalis

## Technical Data Sheet

### EUROPRENE<sup>®</sup> S-SBR

### SOL B 183 Styrene - Butadiene Copolymer

Europrene<sup>®</sup> SOL B 183 is a solution styrene-butadiene partial block copolymer, polymerized using an alkyl lithium catalyst.  
A non-staining antioxidant is added during the production process.

Main Properties	Test Method	Unit	Typical Value
Bound Styrene	Internal Method	% wt	11
Block Styrene	Internal Method	% wt	7
Solution Viscosity	ASTM D 445	cP	32 <sup>(1)</sup>
Volatile matter	ASTM D 5668	% wt	0.75 max
Ash	ASTM D 5667	% wt	0.1 max

<sup>(1)</sup> 5% wt/wt in Styrene at 25°C

### Key Features

The presence of styrene both bound and block at lower than normal concentrations allows Europrene<sup>®</sup> SOL B 183 to exhibit fast dissolving characteristics and dispersion in the plastic matrix of styrene polymers and copolymers. The high level of polybutadiene in the copolymer allows for the possibility of higher impact properties.

### Main Applications

Impact improver of ABS and Polystyrene giving a gloss surface, bitumen modification.

### Physical Form

Water white to cream coloured bales wrapped in styrene soluble film.

### Packaging

Returnable metal crate: total weight 900 kg; 25 kg bale, 36 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.

