

# Europrene® SOL B 183

Solution Styrene Butadiene Rubber

Versalis S.p.A.

## Message:

Europrene® SOL B 183 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.

### Key Features

The presence of styrene both bound and block at lower than normal concentrations allows Europrene® SOL B 183 to exhibit fast dissolving characteristics and dispersion in the plastic matrix of styrene polymers and copolymers.

The higher 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.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Block Copolymer		
Uses	Plastics Modification		
Forms	Bale		
Physical	Nominal Value	Unit	Test Method
Mooney Viscosity (ML 1+4, 100°C)	65	MU	ASTM D1646
Bound Styrene	11.0	%	ASTM D5775
Ash Content	< 0.1	wt%	ASTM D5667
Block Styrene	7.0	wt%	Internal Method
Solution Viscosity - 5% wt/wt in Styrene (25°C)	32	mPa · s	Internal Method
Volatile Matter	< 0.75	wt%	ASTM D5668

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