

# Solprene® 303

Solution Styrene Butadiene Rubber

Dynasol Elastomers

Message:

Solprene 303 is a linear random-block styrene-butadiene copolymer with 46% styrene content, 11% present as a polystyrene block. Solprene 303 is used in vulcanized microcellular shoe soles; it provides hardness and can be combined with inorganic fillers using high concentration of them with good dispersion in compounding. It can be blended with other rubbers to reduce die swell and increase processability in extruded and molded goods by compression. It can replace E-SBR 1009 and 1018 types. It is packaged in bales wrapped in low melting point polyethylene film.

APPLICATIONS

Vulcanized compounds for shoes and industrial goods.

General Information			
Features	Linear Polymer Structure		
	Random Copolymer		
Uses	Blending		
	Compounding		
	Footwear		
	Industrial Applications		
Forms	Bale		
Processing Method	Compounding		
	Compression Molding		
	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.968	g/cm <sup>3</sup>	DIN 53479
Mooney Viscosity (ML 1+4, 100°C)	48	MU	ASTM D1646
Block Styrene <sup>1</sup>	11	%	
Styrene Content	46	%	ASTM D5775
Volatile Matter	< 0.75	%	ASTM D5668
NOTE			
1.	NM 202-07		

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