

Solprene® 1433

Solution Styrene Butadiene Rubber

Dynasol Elastomers

Message:

Solprene 1433 is a linear random-block styrene/butadiene copolymer having 45% of styrene content, 33% present as a polystyrene block. Solprene 1433 is a SSBR copolymer that provides low shrinkage and dimensional uniformity at the final product in vulcanized compounds. It also maintains an excellent balance of high hardness and oil absorption; therefore it is possible to increase the extender oil in formulation to reduce costs without losing in quality and properties. It is a polymer of high purity, essentially free of gel and with a light color. It has a non-staining antioxidant system.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Block Copolymer		
	Good Dimensional Stability		
	High Hardness		
	High Purity		
Uses	Low Shrinkage		
	Footwear		
Physical	Nominal Value	Unit	Test Method
Mooney Viscosity (ML 1+4, 100°C)	61	MU	ASTM D1646
Block Styrene ¹	33	%	
Styrene Content	45	%	ASTM D5775
Volatile Matter	< 0.75	%	ASTM D5668
Insolubles ²	< 0.10	%	
NOTE			
1.	NM 202-07		
2.	NM 300-15		

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