

# Solprene® 1217

Solution Styrene Butadiene Rubber

Dynasol Elastomers

## Message:

Solprene1217 is a linear random-block styrene/butadiene copolymer having 25% of styrene content, 17.5% present as a polystyrene block. It has a non-staining antioxidant system, BHT/TNPP free, FDA approved for use in food contact applications and is essentially gel free with a very clear color.

Solprene 1217 is used as compounding ingredient for adhesives, as modifier for thermoplastic resins. It is an excellent asphalt modifier or, for formulation of caulks and sealants; it is also an excellent processing aid for most polymers, giving good low temperature resistance. Used in extruded goods, soles, and heels.

It is available in bales wrapped in low melting point polyethylene.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	BHT Free		
	Food Contact Acceptable		
	High Clarity		
	Linear Polymer Structure		
	Low Gel		
	Low Temperature Resistant		
	Random Copolymer		
Uses	Adhesives		
	Asphalt Modification		
	Footwear		
	Plastics Modification		
Agency Ratings	FDA Food Contact, Unspecified Rating		
Appearance	Clear/Transparent		
Forms	Bale		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.928	g/cm³	DIN 53479
Mooney Viscosity (ML 1+4, 100°C)	47	MU	ASTM D1646
Block Styrene <sup>1</sup>	18	%	
Color - Apha <sup>2</sup>	< 15		
Solution Viscosity - 30% in toluene <sup>3</sup>	4.0	Pa·s	
Styrene Content	25	%	ASTM D5775
Volatile Matter <sup>4</sup>	< 0.75	%	
Insolubles <sup>5</sup>	< 0.10	%	
NOTE			

1.	NM 202-07
2.	NM 300-33
3.	NM 300-18
4.	NM 300-01
5.	NM 300-15

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#### Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

