

# Solprene® 1322

Solution Styrene Butadiene Rubber

Dynasol Elastomers

## Message:

Solprene 1322 is a high molecular weight linear random -block styrene-butadiene copolymer having 30% of styrene content, 22% present as a polystyrene block.

It has a non-staining antioxidant system, FDA approved for use in food contact applications. It is a high purity polymer, essentially gel free with a very clear color.

Solprene 1322 is used as an elastomeric impact modifier for plastics, especially in high gloss HIPS and ABS by the "in situ" polymerization process. It is available in bales wrapped in rubber-modified polystyrene film soluble in styrene monomer.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Food Contact Acceptable		
	High Clarity		
	High Molecular Weight		
	High Purity		
	Linear Polymer Structure		
	Low Gel		
	Random Copolymer		
Uses	Plastics Modification		
Agency Ratings	FDA Food Contact, Unspecified Rating		
Appearance	Clear/Transparent		
Forms	Bale		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.938	g/cm <sup>3</sup>	DIN 53479
Block Styrene <sup>1</sup>	22	%	
Color - Apha <sup>2</sup>	< 10		
Gel Content - Monsanto <sup>3</sup>	< 3.00		
Solution Viscosity - 5% in styrene <sup>4</sup>	25	mPa · s	
Styrene Content	30	%	ASTM D5775
Volatile Matter	< 0.75	%	ASTM D5668
Insolubles <sup>5</sup>	< 0.040	%	
NOTE			
1.	NM 202-07		
2.	NM 300-33		
3.	NM 300-19		
4.	NM 300-32		
5.	NM 300-15		

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