

Solprene® 1110

Solution Styrene Butadiene Rubber

Dynasol Elastomers

Message:

Solprene 1110 is a linear high molecular weight random-block styrene/butadiene copolymer with 15% styrene, 10% present as a polystyrene block. It has a non-staining antioxidant system; FDA approved for use in food contact applications and is essentially gel free with a very clear color. Solprene 1110 is mainly used as elastomeric modifier for asphalt and as an impact modifier in polystyrene products. It is packed in bales with a low melting point polyethylene wrapping.

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Food Contact Acceptable		
	High Clarity		
	High Molecular Weight		
	Linear Polymer Structure		
	Low Gel		
	Random Copolymer		
Uses	Asphalt Modification		
	Plastics Modification		
Agency Ratings	FDA Food Contact, Unspecified Rating		
Appearance	Clear/Transparent		
Forms	Bale		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.918	g/cm ³	DIN 53479
Block Styrene ¹	10	%	
Color - Apha ²	< 15		
Solution Viscosity - 5% in styrene ³	35	mPa · s	
Styrene Content	15	%	ASTM D5775
Volatile Matter	< 0.75	%	ASTM D5668
Insolubles ⁴	< 0.10	%	
NOTE			
1.	NM 202-07		
2.	NM 300-33		
3.	NM 300-32		
4.	NM 300-15		

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