

Solprene® 1106

Solution Styrene Butadiene Rubber

Dynasol Elastomers

Message:

Solprene 1106 is a high molecular weight linear random -block styrene/butadiene copolymer with a total content of 10% of styrene, 6% present as a polystyrene block.

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

Solprene 1106 is mainly used as an impact modifier in polystyrene products.

It is packed in bales wrapped in polystyrene-polybutadiene film.

APPLICATIONS

Polymer modification

General Information			
Additive	Antioxidant		
Features	Antioxidant		
	Food Contact Acceptable		
	High Clarity		
	High Molecular Weight		
	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	0.918	g/cm ³	DIN 53479
Block Styrene ¹	> 6.0	%	
Color - Apha ²	< 10		
Solution Viscosity - 5% in styrene ³	35	mPa · s	
Styrene Content	10	%	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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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

