

Dynasol Solprene® 1430 Styrene-Butadiene Rubber SBR Diblock Copolymer

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE) , Styrene Butadiene Rubber

Material Notes:

Solprene 1430 is a high molecular weight linear random -block styrene/butadiene copolymer with 40% styrene content, 30% present as a polystyrene block. A choice of either BHT free or phosphite free non-staining antioxidant systems is available, all FDA approved for use in food contact applications. It is a high purity polymer, essentially gel free with a very clear color. S-1430 is used as elastomeric impact modifier for plastics, especially in high gloss HIPS by the "in situ" polymerization process. It is also used in vulcanized shoe soles giving high hardness, flexibility and abrasion resistance with good processability. It is available in bales wrapped in rubber modified polystyrene film soluble in styrene monomer. Applications: Plastic modification Information provided by Dynasol

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dynasol-Solprene-1430-Styrene-Butadiene-Rubber-SBR-Diblock-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.940 g/cc	0.940 g/cc	DIN-53479
Volatiles	<= 0.75 %	<= 0.75 %	ASTM D-5668
Viscosity Measure	42.5 cSt	42.5 cSt	Styrene solution viscosity 5%; NM 300-32
Ash	<= 0.20 %	<= 0.20 %	ASTM D-1416

Chemical Properties	Metric	English	Comments
Styrene Content	31 %	31 %	Block styrene; NM 202-07
	40 %	40 %	ASTM D-5775

Descriptive Properties	Value	Comments
Color Alpha, max	10	
Styrene insolubles	<0.03%	NM 300-15

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