

Dynasol Solprene® 4580X TPE Multiblock

Category : Polymer , Thermoplastic , Elastomer, TPE

Material Notes:

Solprene 4580X is a linear multiblock copolymer of styrene and butadiene with high vinyl (>25%), having 45% of styrene content, most of this one appears like block polystyrene, which gives the polymer a thermoplastic behavior. 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. S-4580X is used in formulations of adhesive and like modifier of impact for plastics. The product is at development stage and commercial sample are available upon request. It is available in bales wrapped in rubber modified polystyrene film soluble in styrene monomer. Information provided by Dynasol.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dynasol-Solprene-4580X-TPE-Multiblock.php

Physical Properties	Metric	English	Comments
Viscosity	768 cP	768 cP	Toluene solution, 25%; NM 300-11
Melt Index of Compound	8.0 g/10 min	8.0 g/10 min	Condition G; ASTM D1238
Collected Volatile Condensable Material	<= 0.75 %	<= 0.75 %	ASTM D1416

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	90	90	ASTM D2240
Tensile Strength at Break	>= 20.0 MPa	>= 2900 psi	ASTM D412
Elongation at Break	700 %	700 %	ASTM D412
300% Modulus	0.000500 GPa	0.0725 ksi	ASTM D412

Descriptive Properties	Value	Comments
Bound Styrene	45 %	NM 202-27
Polystyrene	Min 43 %	NM 202-27

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China