

ExxonMobil Santoprene® 8291-80TB Thermoplastic Rubber (discontinued **)

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Elastomer, Melt-Processible Rubber

Material Notes:

Description: A colorable thermoplastic elastomer which bonds to adhesive/epoxy spin-finished polyester or standard nylon fibers for closed-braid hose and woven-substrate products. With bonds stronger than the TPE itself, it generates new applications for TPE's including industrial hose, lightweight conveyor belting and fabric reinforced sheet. It can be processed using co-extrusion or other melt processing techniques. Supplied as free-flowing pellets in 25 kilogram (55 pound) moisture barrier bags. Product Notes: Values are for injection molded plaques, side gated. 82.6 mm x 117.5 mm x 3 mm Information provided by Advanced Elastomer Systems.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Santoprene-8291-80TB-Thermoplastic-Rubber-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	5 seconds; ASTM D2240
Tensile Strength at Break	11.0 MPa	1600 psi	Across flow; ASTM D412
Tensile Strength, Yield	3.10 MPa @Strain 100 %	450 psi @Strain 100 %	across flow; ASTM D412
Elongation at Break	650 %	650 %	Across flow; ASTM D412
Tear Strength	45.6 kN/m	260 pli	73°F; ASTM D624
Compression Set	32 %	32 %	73°C, 70 hr, Method B; ASTM D395
	56 %	56 %	158°F, 70 hr, Method B; ASTM D395
Tensile Set	23 %	23 %	ASTM D412

Processing Properties	Metric	English	Comments
Melt Temperature	215 - 250 °C	419 - 482 °F	
Drying Temperature	70.0 °C	158 °F	Desiccant Dryer
Dry Time	3 hour	3 hour	Desiccant Dryer

Contact Songhan Plastic Technology Co.,Ltd.Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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