

ExxonMobil Santoprene® 281-64MED Thermoplastic Elastomer (discontinued **)

Category : Polymer , Thermoplastic , Elastomer, TPE , Thermoplastic Vulcanizate Elastomer (TPV)

Material Notes:

A soft, colorable, specialty thermoplastic vulcanizate (TPV) in the thermoplastic elastomer (TPE) family. USP Class VI Certificates of Compliance exist for representative samples of our medical grades. Prior to release, each medical grade lot undergoes a Cytotoxicity study using the ISO elution method and a Physico-Chemical - Elastomeric Closures test for heavy metals such as lead. This grade of Santoprene TPV is shear-dependent and can be processed on conventional thermoplastics equipment for injection molding or extrusion. It is polyolefin based and completely recyclable. Information provided by Advanced Elastomer Systems

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Santoprene-281-64MED-Thermoplastic-Elastomer-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.970 g/cc	0.970 g/cc	23°C; ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	64	64	.12 in; ASTM D2240
Tensile Strength at Break	6.420 MPa	931.2 psi	Air at 212°F, 168 hr; ASTM D573
	6.69 MPa	970 psi	Across Flow; ASTM D412
Tensile Strength, Ultimate	2.48 MPa	360 psi	Across Flow; ASTM D412
Elongation at Break	482.3 %	482.3 %	Air at 212°F, 168 hr; ASTM D573
	530 %	530 %	Across Flow; ASTM D412
Tear Strength	9.99 kN/m	57.0 pli	212°F, Die C; ASTM D624
	24.0 kN/m	137 pli	73°F, Die C; ASTM D624
Compression Set	22 %	22 %	73°F, 168 hr; ASTM D395
	54 %	54 %	212°F, 168 hr; ASTM D395

Processing Properties	Metric	English	Comments
Processing Temperature	175 - 230 °C	347 - 446 °F	

Descriptive Properties	Value	Comments
Color	Natural Color	
Form	Pellets	

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