

Santoprene™ 121-80B200

Thermoplastic Vulcanizate

ExxonMobil Chemical

Message:

It is a soft, black, UV-resistant thermoplastic vulcanized elastomer (TPV) in the thermoplastic elastomer (TPE) series. This material is specially formulated for bonding with thermosetting EPDM rubber, and is used for corner injection molding, end caps and special occasions requiring such bonding. This brand of Shanduping TPV is a shear rate dependent product that can be processed on conventional thermoplastic injection molding equipment. This is a polyolefin-based material that can be recycled in the production process.

General Information	
Features	Recyclable materials
Uses	Outdoor application
RoHS Compliance	RoHS compliance
Appearance	Black
Forms	Particle
Processing Method	Multiple injection molding Injection molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	0.908	g/cm ³	ASTM D792
--	0.910	g/cm ³	ISO 1183

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shaw A, 15 seconds, 23°C, 2.00mm)	81		ISO 868

Elastomers	Nominal Value	Unit	Test Method
Tensile Stress - Across Flow (100% Strain, 23°C)	3.90	MPa	ASTM D412, ISO 37
Tensile Strength - Across Flow (Break, 23°C)	11.9	MPa	ASTM D412, ISO 37
Tensile Elongation - Across Flow (Break, 23°C)	730	%	ASTM D412, ISO 37

Additional Information
如果适用,这是基于扇形浇口注塑成型的平板测试结果.拉伸强度,伸长率和拉伸应力沿垂直流动方向测定 - ISO 1 型,ASTM die C.从埃克森美孚欧洲分支机构直接购买的所有产品都符合 REACH 法规. 对于埃克森 美孚未进口至欧洲的产品,用户应自行评估其是否满足 REACH 法规.

Legal statement
未经埃克森美孚化工书面允许,这种产品包括其产品名称,不得在任何医疗应用领域予以使用或有关详细的产品监管信息,请联系客户服务.

Injection instructions
Santoprene TPV与乙缩醛和PVC不相容.更多关于加工和模具设计的信息,请查阅我们的《注射成型指南》.

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

