

Santoprene™ 201-67W171

Thermoplastic Vulcanizate

ExxonMobil Chemical

Message:

It is a soft, colorable thermoplastic vulcanized elastomer (TPV) in the thermoplastic elastomer (TPE) series. This material is specially formulated for extrusion applications of low-density foamed profiles, with long-term sealing, low-temperature flexibility and thermal weldability. This brand of Sanduping TPV is a shear rate dependent product and is designated to be processed on a specially modified physical foaming extrusion line. This is a polyolefin-based material that can be recycled in the production process.

General Information			
Features	Recyclable materials		
RoHS Compliance	RoHS compliance		
Appearance	Natural color		
Forms	Particle		
Processing Method	Foam extrusion molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	0.958	g/cm ³	ASTM D792
--	0.960	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shaw A, 15 seconds, 23°C, 2.00mm)	71		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress - Across Flow (100% Strain, 23°C)	2.80	MPa	ASTM D412, ISO 37
Tensile Strength - Across Flow (Break, 23°C)	6.90	MPa	ASTM D412, ISO 37
Tensile Elongation - Across Flow (Break, 23°C)	450	%	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			
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Extrusion 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《Santoprene TPV的水发泡》技术文献,《Santoprene TPV的化学发泡工艺》技术文献和美国专利5070111.			

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