

Santoprene™ 691-65W175

Thermoplastic Vulcanizate

ExxonMobil Chemical

Message:

It is a soft, colorable thermoplastic vulcanized elastomer (TPV) in the thermoplastic elastomer (TPE) series. This material is suitable for thin walls, architectural glass and sealing fields. This brand of Sanduping TPV is a shear rate dependent product that can be processed on conventional thermoplastic extrusion or thermoforming equipment. 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	Co-extrusion molding
	Extrusion
	Sheet extrusion molding
	Thermoforming
	Profile extrusion molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	0.968	g/cm ³	ASTM D792
--	0.970	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shaw A, 15 seconds, 23°C, 2.00mm)	70		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress - Across Flow (100% Strain, 23°C)	2.70	MPa	ASTM D412, ISO 37
Tensile Strength - Across Flow (Break, 23°C)	6.20	MPa	ASTM D412, ISO 37
Tensile Elongation - Across Flow (Break, 23°C)	490	%	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.
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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,请查阅我们的《挤出成型指南》.

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