

# Santoprene™ 8291-85TL

Thermoplastic Vulcanizate

ExxonMobil Chemical

## Message:

It is a hard, colorable, special thermoplastic vulcanized elastomer (T PV) in the thermoplastic elastomer (TPE) series. It is specially formulated for bonding with fabrics, metals, fluoroelastomers and polyamides to form a multilayer structure. This brand of Sanduping TPV is a shear rate dependent product that can be processed on conventional thermoplastic extrusion molding equipment. This is a polyolefin-based material that can be recycled in the production process.

General Information	
Features	Recyclable materials
	Adhesiveness
	Good coloring
	Good adhesion
	Good wear resistance
Uses	Pipe
	Metal bonding
	Application in Automobile Field
	Profile
	Bonding resin
RoHS Compliance	RoHS compliance
Appearance	Natural color
Forms	Particle
Processing Method	Co-extrusion molding
	Extrusion
	Profile extrusion molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	0.898	g/cm <sup>3</sup>	ASTM D792
--	0.900	g/cm <sup>3</sup>	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shaw A, 15 seconds, 23°C, 2.00mm)	86		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress - Across Flow (100% Strain, 23°C)	4.00	MPa	ASTM D412, ISO 37
Tensile Strength - Across Flow (Break, 23°C)	9.20	MPa	ASTM D412, ISO 37

Tensile Elongation - Across Flow (Break, 23°C)	830	%	ASTM D412, ISO 37
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#### 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.

Extrusion	Nominal Value	Unit
Adapter Temperature	216 - 232	°C
Die Temperature	216 - 232	°C

#### 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》和我们的《吹塑薄膜复合,片材挤出,直角挤出和共挤出快速加工参考手册》.

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