

# Santoprene™ 8211-85M350

Thermoplastic Vulcanizate

ExxonMobil Chemical

## Message:

It is a hard, colorable thermoplastic vulcanized elastomer (TPV) in the thermoplastic elastomer (TPE) series. This material has been developed for automotive interior applications, such as door panels and instrument panels, as skins formed on the surface of rigid polypropylene substrates. In order to suit these applications, the product has low smoothness, high scratch resistance, low volatility (fogging, odor) and "comfortable touch". This brand of Shanduping TPV is a shear rate dependent product that can be processed on conventional single-component and multi-component injection molding equipment. It is a polyolefin-based product that is bonded and compatible with polypropylene and can be recycled online.

General Information	
Features	Recyclable materials
RoHS Compliance	RoHS compliance
Appearance	Natural color
Forms	Particle
Processing Method	Multiple injection molding Injection molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	0.908	g/cm³	ASTM D792
--	0.910	g/cm³	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 Strength - Across Flow (Break, 23°C)	8.80	MPa	ASTM D412, ISO 37
Tensile Elongation - Across Flow (Break, 23°C)	480	%	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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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》.

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# 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

