

Santoprene™ 8223-30M300

Thermoplastic Vulcanizate

ExxonMobil Chemical

Message:

It is a kind of thermoplastic vulcanized elastomer (TPV) that is hard, colorable and resistant to ultraviolet radiation in the series of thermoplastic elastomers (TPE). This material is suitable for automotive interior applications that require low atomization and good appearance. 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	Good UV resistance		
	Recyclable materials		
	Good formability		
	Good coloring		
	High liquidity		
	Ozone resistance		
Uses	Application in Automobile Field		
	Car interior parts		
	Outdoor application		
RoHS Compliance	RoHS compliance		
Appearance	Natural color		
Forms	Particle		
Processing Method	Multiple injection molding		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	0.918	g/cm ³	ASTM D792
--	0.920	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shaw D, 15 seconds, 23°C, 2.00mm)	26		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress - Across Flow (100% Strain, 23°C)	5.30	MPa	ASTM D412, ISO 37
Tensile Strength - Across Flow (Break, 23°C)	9.30	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
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Injection	Nominal Value	Unit
Drying Temperature	82.2	°C
Drying Time	3.0	hr

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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