

Sevrene® 3000-70A

Thermoplastic Elastomer

Vi-Chem Corporation

Message:

Sevrene® 3000-70A is a Thermoplastic Elastomer (TPE) material. It is available in North America for coextrusion, extrusion, or injection molding. Primary attribute of Sevrene® 3000-70A: Good Weather Resistance.

Typical applications include:

Automotive

Consumer Goods

Industrial Applications

General Information			
Features	Good Weather Resistance		
Uses	Automotive Interior Parts		
	Automotive Under the Hood		
	Consumer Applications		
	Industrial Applications		
Forms	Pellets		
Processing Method	Coextrusion		
	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.11	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	72		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
Across Flow : 100% Strain	2.40	MPa	
Flow : 100% Strain	3.30	MPa	
Tensile Strength			ASTM D412
Across Flow : Break	7.90	MPa	
Flow : Break	5.90	MPa	
Tensile Elongation			ASTM D412
Across Flow : Break	1000	%	
Flow : Break	660	%	
Tear Strength	33.9	kN/m	ASTM D624
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (100°C, 72 hr)	24	%	ASTM D573

Change in Ultimate Elongation in Air (100°C, 72 hr)	3.2	%	ASTM D573
Change in Durometer Hardness in Air (Shore A, 100°C, 72 hr)	2.0		ASTM D573
Flammability	Nominal Value	Unit	Test Method
Burning Rate	37	mm/min	ISO 3795
Fogging ¹ (38°C)	> 90	%	SAE J1756
UV Protection ²	2.23		
NOTE			
1.	6 hrs, (16 hr reading)		
2.	SAE J1885, Interior Xenon Arc 1240 kJ/m ² , Delta E		

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Recommended distributors for this material

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

