

Sevrene® 2000-40A

Thermoplastic Elastomer

Vi-Chem Corporation

Message:

Sevrene® 2000-40A is a Thermoplastic Elastomer (TPE) material. It is available in North America for coextrusion, extrusion, or injection molding. Primary attribute of Sevrene® 2000-40A: 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	1.09	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	43		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress - Across Flow (100% Strain)	1.40	MPa	ASTM D412
Tensile Strength - Across Flow (Break)	4.10	MPa	ASTM D412
Tensile Elongation - Across Flow (Break)	730	%	ASTM D412
Tear Strength	21.7	kN/m	ASTM D624
Compression Set			
23°C, 22 hr	9.6	%	ASTM D395B
70°C, 22 hr	20	%	ASTM D395
Additional Information	Nominal Value		Test Method
Arizona Weathering ¹	1.21(Black)		SAE J1976
Florida Weathering ²	1.87(Black)		SAE J1976
UV Resistance ³	0.290(Black)		SAE J1885
Xenon Weatherometer ⁴	1.80(Black)		SAE J1960
NOTE			
1.	2 Year, Delta E		

2.	2 years, Delta E
3.	Interior Xenon Arc 1240 kJ/m ² , Delta E
4.	Exterior Xenon Arc 2500 kJ/m ² , Delta E

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