

Sevrene® 3000-50A

Thermoplastic Elastomer

Vi-Chem Corporation

Message:

Sevrene® 3000-50A is a Thermoplastic Elastomer (TPE) material. It is available in North America for coextrusion, extrusion, or injection molding. Primary attribute of Sevrene® 3000-50A: 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	1.12	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	50		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	8.50	MPa	ASTM D638
Tensile Strength			ASTM D638
--	4.50	MPa	
100% Strain	1.80	MPa	
300% Strain	2.60	MPa	
Tensile Elongation (Break)	700	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	19.0	kN/m	ASTM D624
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (70°C, 1008 hr)	9.0	%	ASTM D573
Change in Ultimate Elongation in Air (70°C, 1008 hr)	0.20	%	ASTM D573
Change in Durometer Hardness in Air (Shore A, 70°C, 1008 hr)	4.0		ASTM D573

Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-60.0	°C	ASTM D1043

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

