

Sevrene® 6850-70A

Thermoplastic Elastomer

Vi-Chem Corporation

Message:

Sevrene® 6850-70A is a Thermoplastic Elastomer (TPE) material. It is available in North America.

General Information			
Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	71		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2/5A
23°C	5.70	MPa	
70°C ¹	5.30	MPa	
Tensile Strain			ISO 527-2/5A
Break, 23°C ²	710	%	
Break, 23°C	750	%	
Taber Abrasion Resistance	8437		ASTM D3884
Cold Flexibility - High and Low Bend Test ³			
-30°C	Pass		
-24°C	Pass		
Fogging ⁴	99.0		SAE J1756
Interior Xenon - deltaE ⁵	0.750		SAE J1885
Odor - Hot	2.30		SAE J1351
Surface Temperature Heat Resistance (85°C) ⁶	5.00		
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	22.2	kN/m	ASTM D624
Compression Set			ASTM D395B
70°C, 7 hr	47	%	
70°C, 22 hr	62	%	
Flammability	Nominal Value	Unit	Test Method
Burning Rate	28	mm/min	FMVSS 302
NOTE			
1.	7 hr		
2.	7 hr		
3.	25.4 mm mandrel		
4.	Method B		
5.	200 hr, 267 kJ/m ²		

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

