

Sevrene® 3500-60A

Thermoplastic Elastomer

Vi-Chem Corporation

Message:

Sevrene® 3500-60A is a Thermoplastic Elastomer (TPE) material. It is available in North America for extrusion or injection molding.

Typical application of Sevrene® 3500-60A: Automotive

General Information			
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.00	g/cm ³	ISO 1183
Molding Shrinkage ¹			ISO 2577
Across Flow : 23°C	1.3	%	
Flow : 23°C	1.4	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 15 sec)	62		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	2.10	MPa	ISO 37
Tensile Stress (Yield)	8.10	MPa	ISO 37
Tensile Elongation (Break)	1100	%	ISO 37
Tear Strength	30	kN/m	ISO 34-1
Compression Set (70°C, 22 hr)	43	%	ISO 815
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (80°C, 1000 hr)	-4.0	%	SAE J2236
Change in Tensile Strain at Break in Air (80°C, 1000 hr)	-26	%	SAE J2236
Flammability	Nominal Value	Unit	Test Method
Fogging ²			
21°C	87	%	
100°C	87	%	
Color Fastness - XDV Dark Slate (8870) ³	0.880		
Mandrel Bend (-30°C) ⁴	Pass		
NOTE			
1.	after 48 hrs		
2.	LP-463DB-12-01		
3.	To light, 1240.8 kJ/m ²		
4.	Cold Temperature Performance		

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Recommended distributors for this material

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