

Sevrene® 3085-70A

Thermoplastic Elastomer

Vi-Chem Corporation

Message:

Sevrene® 3085-70A is a Thermoplastic Elastomer (TPE) material. It is available in North America.

Typical application of Sevrene® 3085-70A: Automotive

General Information			
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.11	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 15 sec)	68		ISO 48
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	> 2.10	MPa	ISO 37
Tensile Stress (Yield)	> 7.70	MPa	ISO 37
Tensile Elongation (Break)	> 910	%	ISO 37
Tear Strength	> 30	kN/m	ISO 34-1
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (80°C, 1000 hr)	4.0	%	ASTM D412
Change in Ultimate Elongation in Air (80°C, 1000 hr)	30	%	ASTM D412
Flammability	Nominal Value	Unit	Test Method
Burning Rate ¹	53	mm/min	Multiple Standards
Fogging ²			
--	> 82	%	
95°C	> 82	%	
NOTE			
1.	ISO 3795/ FMVSS 302		
2.	SAEJ 1756, 6 hrs, (16 hr reading)		

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