

Oleflex™6750-70A-0000 Natural, 815179C

Thermoplastic Elastomer

Vi-Chem Corporation

Message:

Oleflex™6750-70A-0000 Natural, 815179C is a thermoplastic elastomer (TPE) material. This product is available in North America.

General Information			
Appearance	Natural color		
Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shao A, mm)	69		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2/5A
2.00 mm	2.10	MPa	ISO 527-2/5A
70°C, 2.00 mm ¹	2.70	MPa	ISO 527-2/5A
Tensile Strain			ISO 527-2/5A
Fracture, 2.00mm	340	%	ISO 527-2/5A
Fracture, 70°C, 2.00mm ²	680	%	ISO 527-2/5A
Wear resistance (mm) ³	7869		SAE J948
Cold flexibility-High and Low Bend Test			
-30°C, 2.54 cm	Pass		
-24°C, 2.54 cm	Pass		
Combustibility (mm)	27	mm/min	FMVSS 302
Atomization (mm) ⁴	99.0		SAE J1756
Surface Temperature - Heat Resistance (85°C, 2.00 mm) ⁵	5.00		
Elastomers	Nominal Value	Unit	Test Method
Tear Strength (2.00 mm)	16.6	kN/m	ASTM D624
Compression Set			
70°C, 7 hr	56	%	ASTM D395
70°C, 22 hr	67	%	ASTM D395B
Additional Information	Nominal Value		
Hot Odor Test, SAE J1351: 1.4			
NOTE			
1.	After 7 h @ 70°C		
2.	After 7 h @ 70°C		
3.	Tested according to SAE J948/ASTM D3884		
4.	Method B		
5.	168 h @ 85°C		

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Recommended distributors for this material

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