

Trexprene® A40NI-HF

Thermoplastic Vulcanizate

Mitsubishi Chemical Performance Polymers, Inc.

Message:

Product Description: TREXPENE ® A40NI HF is a heat & UV stabilized PP/EPDM based Thermoplastic Vulcanized Elastomer (TPV). This Natural compound is primarily intended for interior applications and can be processed using extrusion, injection, blow molding or other melt processing techniques.

General Information	
Additive	Heat Stabilizer UV Stabilizer
Features	Good UV Resistance Heat Stabilized
Uses	Automotive Interior Parts
Appearance	Natural Color
Forms	Pellets
Processing Method	Blow Molding Extrusion Injection Molding

Physical	Nominal Value	Unit	Test Method
Density	0.880 to 0.940	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 15 sec)	38 to 44		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress - Across Flow (100% Strain)	1.10	MPa	ISO 37
Tensile Stress - Across Flow (Yield)	3.00	MPa	ISO 37
Tensile Elongation - Across Flow (Break)	300	%	ISO 37
Tear Strength - Across Flow	12	kN/m	ISO 34-1
Compression Set			
70°C, 22 hr	< 20	%	ASTM D395B
125°C, 70 hr	< 30	%	ASTM D395B
70°C, 22 hr ¹	< 20	%	ISO 815
125°C, 70 hr ²	< 30	%	ISO 815
Flammability	Nominal Value	Unit	Test Method
Fogging	> 70	%	SAE J1756
Ozone Resistance ³ (40°C)	0 Rating		ISO 1431-1
NOTE			
1.	Type A		

2.	Type A
3.	100 pphm, Method A

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