

Trexprene® A64BW-HF

Thermoplastic Vulcanizate

Mitsubishi Chemical Performance Polymers, Inc.

Message:

Product Description: TREXPENE ® A64BW HF is a UV & heat stabilized PP/EPDM based Thermoplastic Vulcanized Elastomer (TPV). This compound is intended primarily for exterior and interior applications. This material can be processed using Injection Molding, Extrusion, Blow Molding or other melt processing techniques.

General Information			
Additive	Heat Stabilizer		
	UV Stabilizer		
Features	Good UV Resistance		
	Heat Stabilized		
Uses	Automotive Exterior Parts		
	Automotive Interior Parts		
Forms	Pellets		
Processing Method	Blow Molding		
	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.940 to 1.00	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 5 sec)	60 to 68		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ISO 37
Across Flow : 100% Strain	2.40	MPa	
Flow : 100% Strain	3.00	MPa	
Tensile Stress			ISO 37
Across Flow : Yield	6.30	MPa	
Flow : Yield	4.00	MPa	
Tensile Elongation			ISO 37
Across Flow : Break	500	%	
Flow : Break	250	%	
Tear Strength			ISO 34-1
Across Flow	25	kN/m	
Flow	23	kN/m	
Thermal	Nominal Value	Unit	Test Method

Brittleness Temperature			
--	< -56.0	°C	ASTM D746
Type B	< -56.0	°C	ISO 812
Flammability	Nominal Value	Unit	Test Method
Fogging	> 70	%	SAE J1756
Color Fastness - to Light ¹	Delta E < 3		SAE J1885
Ozone Resistance ² (40°C)	0 Rating		ISO 1431-1
NOTE			
1.	Xenon Arc 1240.8 kJ/m ²		
2.	100 pphm, Method A		

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Recommended distributors for this material

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