

Trexprene® A80BWEB-HF

Thermoplastic Vulcanizate

Mitsubishi Chemical Performance Polymers, Inc.

Message:

Product Description: TREXPENE ® A80BWEB-HF is a heat stabilized, weatherable thermoplastic vulcanizate containing EPDM particles dispersed in a continuous PP matrix. This high flow, black compound is formulated to bond to vulcanized EPDM rubber and is intended for injection molding applications where longer flow distances and good surface appearance is needed. Typical applications include weatherstrip corner molds and end caps.

General Information			
Additive	Heat Stabilizer		
Features	Good Surface Finish		
	Good Weather Resistance		
	Heat Stabilized		
	High Flow		
Uses	Weatherstripping		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.950	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 15 sec)	82		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress - Across Flow ¹ (100% Strain)	4.00	MPa	ISO 37
Tensile Stress - Across Flow ² (Yield)	6.70	MPa	ISO 37
Tensile Elongation - Across Flow ³ (Break)	570	%	ISO 37
Tear Strength - Across Flow ⁴	32	kN/m	ISO 34-1
Compression Set			
70°C, 22 hr	63	%	ASTM D395B
70°C, 22 hr ⁵	63	%	ISO 815
NOTE			
1.	Type 1, 500 mm/min		
2.	Type 1, 500 mm/min		
3.	Type 1, 500 mm/min		
4.	Method Ba, Angle (Unnicked), 500 mm/min		
5.	Type A		

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