

Trexprene® A35BU

Thermoplastic Vulcanizate

Mitsubishi Chemical Performance Polymers, Inc.

Message:

Product Description: TREXPENE ® A35BU is a heat stabilized PP/EPDM based Thermoplastic Vulcanized Elastomer (TPV). This Black compound is intended primarily for underhood applications such as mats, seals, gaskets, air ducts, CVJ boots, covers, grommets or other parts where softness and conformity are needed. This material can be processed using Injection Molding, Extrusion, Blow Molding or other melt processing techniques.

General Information			
Additive	Heat Stabilizer		
Features	Heat Stabilized		
	Soft		
Uses	Automotive Under the Hood		
	Constant Velocity Joint Boots		
	Gaskets		
	Grommets		
	Protective Coverings		
	Seals		
Appearance	Black		
Forms	Pellets		
Processing Method	Blow Molding		
	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.930 to 0.990	g/cm ³	ISO 1183
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 5 sec)	37 to 43		ISO 868
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress - Across Flow ¹ (100% Strain)	1.40	MPa	ISO 37
Tensile Stress - Across Flow ² (Yield)	4.10	MPa	ISO 37
Tensile Elongation - Across Flow ³ (Break)	490	%	ISO 37
Tear Strength - Across Flow ⁴	24	kN/m	ISO 34-1
Compression Set			
70°C, 24 hr	30	%	ASTM D395B
125°C, 70 hr	40	%	ASTM D395B
70°C, 24 hr ⁵	30	%	ISO 815
125°C, 70 hr ⁶	40	%	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
6.	Type A

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Recommended distributors for this material


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