

Product Data Sheet

TREXPENE® A35BU

PP/EPDM Based Vulcanized TPR

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.

Property	Test Method	Unit	Typical Values
Hardness	ISO 868	Shore A (5 second delay)	40±3
Density	ISO 1183	g/cm ³	0.96±0.03
Tensile Strength, perpendicular to flow	ISO 37, Type 1, 500mm/min	MPa	4.1
Tensile Stress at 100%, perpendicular to flow	ISO 37, Type 1, 500mm/min	MPa	1.4
Ultimate Elongation, perpendicular to flow	ISO 37, Type 1, 500mm/min	%	490
Tear Strength, perpendicular to flow	ISO 34-1, Method B, 500 mm/min	N/mm	23.8
Compression Set at 70°C/24hrs 125°C/70hrs	ASTM D395-B, ISO 815-A	%	30 40