

Product Data Sheet

TREXPENE® A80BI

PP/EPDM Based Vulcanized TPR

Product Description: TREXPENE® A80BI is a black; heat stabilized PP/EPDM based Thermoplastic Vulcanized Elastomer (TPV). This compound is primarily intended for under-hood and interior applications and 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 (15 second delay)	80±3
Density	ASTM D792	-	0.96±0.03
Tensile Strength	ISO 37, Type 1, 500mm/min	MPa ⊥	8.4
Tensile Stress at 100%,	ISO 37, Type 1, 500mm/min	MPa ⊥	4.1
Ultimate Elongation	ISO 37, Type 1, 500mm/min	% ⊥	550
Tear Strength	ISO 34-1, Method B, 500 mm/min	N/mm ⊥	35
Fogging Number	GM9305P SAE J 1756	% Minimum	70
Colorfastness to Light Xenon Arc 1240.8kJ/m2	SAE J1885	Surface Defects	No Objectionable Defects