

Product Data Sheet
TREXPENE® A64BW HF

PP/EPDM Based Vulcanized TPR

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.

Property	Test Method	Unit	Typical Values
Hardness	ISO 868	Shore A (5 second's delay)	64±4
Specific Gravity	ISO 1183-1	–	0.97 ± 0.03
Tensile Strength	ISO 37	MPa ⊥ //	6.3 4.0
Tensile Stress @ 100%	ISO 37	MPa ⊥ //	2.4 3.0
Ultimate Elongation	ISO 37	MPa ⊥ //	500 250
Tear Strength	ISO 34	MPa ⊥ //	25 23
Brittle Temperature	ASTM D746 ISO 812-B	°C Maximum	-56
Fogging Number	GM9305P SAE J1756	% Minimum	70
Ozone Resistance	ISO 1431-1, "A" 100pphm, 40°C	Rating	0
Colorfastness to Light Xenon Arc 1240.8 kJ/m ²	SAE J1885	Change in Color Surface Defect	ΔE < 3.0 No Objectionable defects