

Product Data Sheet

TREXPENE® A70BWEB-HF

PP/EPDM Based, EPDM Bondable, Exterior Vulcanized TPR

Product Description: TREXPENE® A70BWEB-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.

Property	Test Method	Unit	Typical Values
Hardness	ISO 868	Shore A (15 second delay)	70.2
Specific Gravity	ISO 1183	-	0.92
Tensile Strength, perpendicular to flow	ISO 37, Type 1, 500mm/min	MPa	5.0
Tensile Stress at 100%, perpendicular to flow	ISO 37, Type 1, 500mm/min	MPa	2.7
Ultimate Elongation, perpendicular to flow	ISO 37, Type 1, 500mm/min	%	560
Tear Strength , perpendicular to flow	ISO 34-1, Method B, 500 mm/min	N/mm	21.5
Compression Set at 70°C/22hrs	ASTM D395-B, ISO 815-A	%	60.3