

Product Data Sheet

TREXPENE® A40NI HF

PP/EPDM Based Vulcanized TPR

Product Description: TREXPENE® A40NI HF is a natural heat stabilized PP/EPDM based Thermoplastic Vulcanized Elastomer (TPV). This compound is primarily intended for applications needing a clean natural appearance as well as good elastomeric properties. The material can be processed using extrusion, injection, blow molding or other melt processing techniques. Its viscosity makes it process exceptionally well in injection molding applications.

Property	Test Method	Unit	Typical Values
Hardness	ISO 868	Shore A (15 second delay)	41±3
Specific Gravity	ISO 1183-1	-	0.91±0.03
Tensile Strength	ISO 37	MPa ⊥	3.0
Tensile Stress at 100%	ISO 37	MPa ⊥	1.1
Ultimate Elongation	ISO 37	% ⊥	480
Tear Strength	ISO 34	N/mm ⊥	13.0
Compression Set at 125°C/70hrs 70°C/22hrs	ASTM D395-B, ISO 815-A	% Max.	30 20
Fogging Number	GM9305P SAE J 1756	% Minimum	70
Ozone Resistance	ISO 1431-1, "A" 100pphm, 40°C	Rating	0