

Product Data Sheet  
**TREXPENE® A67CW**  
 PP/EPDM Based Vulcanized TPR

**Product Description:** TREXPENE® A67CW is a pre-colored, heat and UV stabilized PP/EPDM based Thermoplastic Vulcanized Elastomer (TPV). It is primarily intended for Exterior applications where a pre-colored compound with good compressions set and UV properties are needed. This pre-colored material can be processed using Extrusion, Injection, or Blow Molding equipment.

Property	Test Method	Unit	Typical Values
Hardness	ISO 868	Shore A (15 second delay)	66±4
Density	ISO 1183	g/cm <sup>3</sup>	0.97±0.04
Tensile Strength, perpendicular to flow	ISO 37, Type 1, 500mm/min	MPa	7.1 (1030 psi)
Tensile Stress at 100%, perpendicular to flow	ISO 37, Type 1, 500mm/min	MPa	2.5 (362 psi)
Ultimate Elongation, perpendicular to flow	ISO 37, Type 1, 500mm/min	%	630
Tear Strength, perpendicular to flow	ISO 34-1, Method B, 500 mm/min	N/mm	34.2 (195 lbf)
Compression Set at 125°C/70HRS	ASTM D395-B, ISO 815-A	%	44.1
Brittle Temperature	ASTM D746, ISO 812B	°C	-56
Heat Aging Performance	1000 h @ 135°C followed by ISO 37	% Retention Tensile % Retention Elongation	82.7 87.2
Ozone Resistance	ISO 1431-1, "A" 100pphm, 40°C	Rating	0
Accelerated Weathering	SAE J2527, Extended UV Filters, 2500 kJ/m <sup>2</sup>	Change in Color Visual Defects	ΔE < 3.0 No Objectionable defects

Natural Weathering, Arizona	2 years exposure per SAE J1976, Procedure A	Change in Color Visual Defects	$\Delta E < 3.0$ No Objectionable defects
Natural Weathering, Florida	2 years exposure per SAE J1976, Procedure A	Change in Color Visual Defects	$\Delta E < 3.0$ No Objectionable defects