

Typical Properties of **RE42E**

Polymer	EPDM Blend		
ASTM D1056 Classification	2A2		
ASTM D1056 Suffix Compliances	A1, C1, F1, M		
ASTM D6576 Classification	Type II A,B,C Soft/Med		
Physical Property	Test Method	Result (US Units)	Result (Metric Units)
Density	ASTM D1056	4 – 8 pcf	64 - 128 kg/m ³
Compression Deflection 25%	ASTM D1056	5 – 9 psi	34.5 – 62 kPa
Compression Set 50%	ASTM D1056	35% Max	35% Max
Water Absorption	ASTM D1056	10 % Max	10 % Max
Tensile Strength	ASTM D412	100 psi	689.4 kPa
Elongation	ASTM D412	125 %	125 %
Tear Strength	ASTM D624	9.6 lb/in	1.7 kN/m
Resilience	ASTM D2632	35 %	35 %
CD after Oven Aging	ASTM D1056	30% Max	30% Max
Flammability	FMVSS-302	Pass @ .098" or Thicker	
Service Temperature	-40 to 200 F		
High Intermittent Temperature	250 F		
Thermal Conductivity	ASTM C518	K Factor .30	

¹ Contact customer service for specification inquiries..

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