

Typical Properties of Ensolite® IV1

Polymer	PVC/NBR/CR		
ASTM D1056 Classification	2C1		
ASTM D1056 Suffix Compliances	F1, M		
ASTM D6576 Classification	Type II A,B Soft		
Physical Property	Test Method	Result (US Units)	Result (Metric Units)
Density	ASTM D1056	3 – 5.5 pcf	.048 - .088 g/cm ³
Compression Deflection 25%	ASTM D1056	2 – 5 psi	13.8 – 34.4 kPa
Compression Set 50%	ASTM D1056	40% Max	40% Max
Water Absorption	ASTM D1056	10% Max	10% Max
Tensile Strength	ASTM D412	50 psi Min	345 kPa Min
Elongation	ASTM D412	100% Min	100% Min
Tear Strength	ASTM D624	9 lb/in	1.6 kN/m
Fluid Immersion	ASTM D1056	250% max	250% max
CD after Oven Aging	ASTM D1056	30% Max	30% Max
Flammability ¹	FMVSS-302	Pass	
Service Temperature	-40 to 200 F		
Thermal Conductivity	ASTM C518	K Factor .322	

UL Listings ¹	
Gasketing and Sealing	JMST2 - UL50, UL50E, UL157
Flammability ¹	UL-94 HF-1, HBF, V-0, V-1

¹ Contact customer service for specification inquiries and UL Information.

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