

Typical Properties of SCE42NEO

Polymer	Neoprene Blend		
ASTM D1056 Classification	2C2		
ASTM D1056 Suffix Compliances	B2, C, F1, M, P		
ASTM D6576 Classification	Type II A,B Soft/Medium		
Physical Property	Test Method	Result (US Units)	Result (Metric Units)
Density	ASTM D1056	7 – 11 pcf	112.1 – 176.2 kg/m ³
Compression Deflection 25%	ASTM D1056	5 – 9 psi	34.4 – 62 kPa
Compression Set 50%	ASTM D1056	25% Max	25% Max
Water Absorption	ASTM D1056	5% Max	5% Max
Tensile Strength	ASTM D412	90 psi	630 kPa
Elongation	ASTM D412	150%	150%
Tear Strength	ASTM D624	14 lb/in	2.5 kN/m
Resilience	ASTM D2632	10%	10%
CD after Oven Aging	ASTM D1056	30% Max	30% Max
Flammability	FMVSS-302	Pass (.098" or thicker)	
Service Temperature	-40 to 150 F		
High Intermittent Temperature	200 F		
Thermal Conductivity	ASTM C518	K Factor .38	

Contact customer service for specification inquiries.

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