

Typical Properties of TI-20

Polymer	Crosslinked Polyethylene		
Physical Property	Test Method	Result (US Units)	Result (Metric Units)
Density	ASTM D3575	2 pcf	32 kg/m ³
Compression Deflection 25%	ASTM D3575	7 psi	48.2 kPa
Compression Set 50%	ASTM D3575	22%	22%
Tensile Strength	ASTM D3575	44 psi	303.3 kPa
Elongation	ASTM D3575	150%	150%
Tear Strength	ASTM D3575	13 lb/in	2.27 kN/m
Thermal Stability	ASTM D3575	< 0.6%	< 0.6%
Water Absorption	ASTM D3575	.06 lb/ft ²	.292 kg/m ²
Thermal Conductivity	ASTM C177	K Factor .27	
Flammability	FMVSS-302	Pass at .500" or Thicker	
Service Temperature	-70 to 175F		

Contact customer service for specification inquiries.

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