

Titan Tough Epoxy 85

EP-T-014 a durable and temperature resistant material

MECHANICAL PROPERTIES	STANDARD	VALUE
Ultimate Tensile Strength	ASTM D638-IV	45.2 MPa (XY) 41.0 MPa (Z)
Elongation at Break	ASTM D636-IV	14.0% (XY) 5.6% (Z)
Elastic Modulus	ASTM D638-IV	1.8 GPa (XY) 1.7 GPa (Z)
Shore Hardness	ASTM D2240	75D
Izod Impact (notched)	ASTM D256	2.9 kJ/m ²

THERMAL PROPERTIES	STANDARD	VALUE
HDT @ 0.45 MPa	ASTM D648	86.5 °C (XY) 84.4 °C (Z)
HDT @ 1.82 MPa	ASTM D648	72.9 °C (XY) 69.8 °C (Z)

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