

# Titan Tough Epoxy 85

EP-T-014 a rigid 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 <sup>2</sup>

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)

## UV STABILITY TESTING

Indoor – ASTM D4329/D4459

Outdoor – ASTM G154

## OUTDOOR STABILITY

Tested per ASTM G154, Cycle 1

*To the best of our knowledge the information contained herein is accurate. However, Inkbit Corporation makes no warranty, expressed or implied, regarding the accuracy of these results to be obtained from the use thereof.*