

Mechanical Properties

	Method	Value	Value Z
Ultimate Tensile Strength	ASTM D638-IV	45.2 MPa	41.0 MPa
Elongation at Break	ASTM D638-IV	14.0%	5.6%
Elastic Modulus	ASTM D638-IV	1.8 GPa	1.7 GPa
Shore Hardness	ASTM 2240	75D	-
Izod Impact (notched)	ASTM D256	2.9 kJ/m ²	-

Thermal Properties

	Method	Value XY	Value Z
HDT @ 0.45 MPa	ASTM D648	86.5 °C	84.4 °C
HDT @ 1.82 MPa	ASTM D648	72.9 °C	69.8 °C

Updated: 11.11.2025

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.