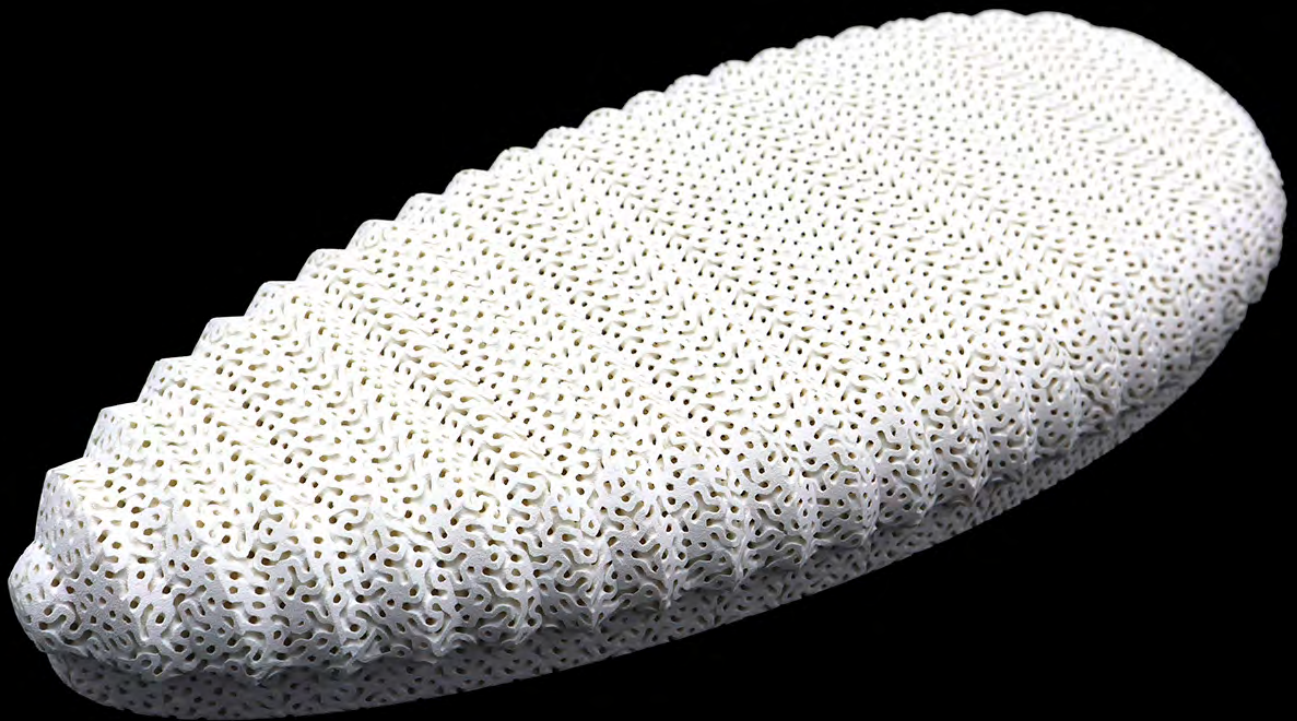


inkbit



TEPU™ 30A

A low durometer, temperature resistant rubber material.

Mechanical Properties

	Method	Value
Ultimate Tensile Strength	ASTM D412-C	0.92 MPa
Elongation at Break	ASTM D412-C	200%
Elastic Modulus @ 100%	ASTM D412-C	0.53 MPa
Tear Propagation	ASTM D624-B	5.6 kN/m
Tear Strength	ASTM D624-C	3.7 kN/m
Shore Hardness	ASTM D2240	32 A
Compression Set, 23 °C, 72 h	ASTM D395-B	10.2%

Thermal Properties

	Method	Value
Glass Transition Temperature	ASTM D3418	-30°C

Outdoor Stability Testing

See Pg. 3

Updated: 12.03.2025

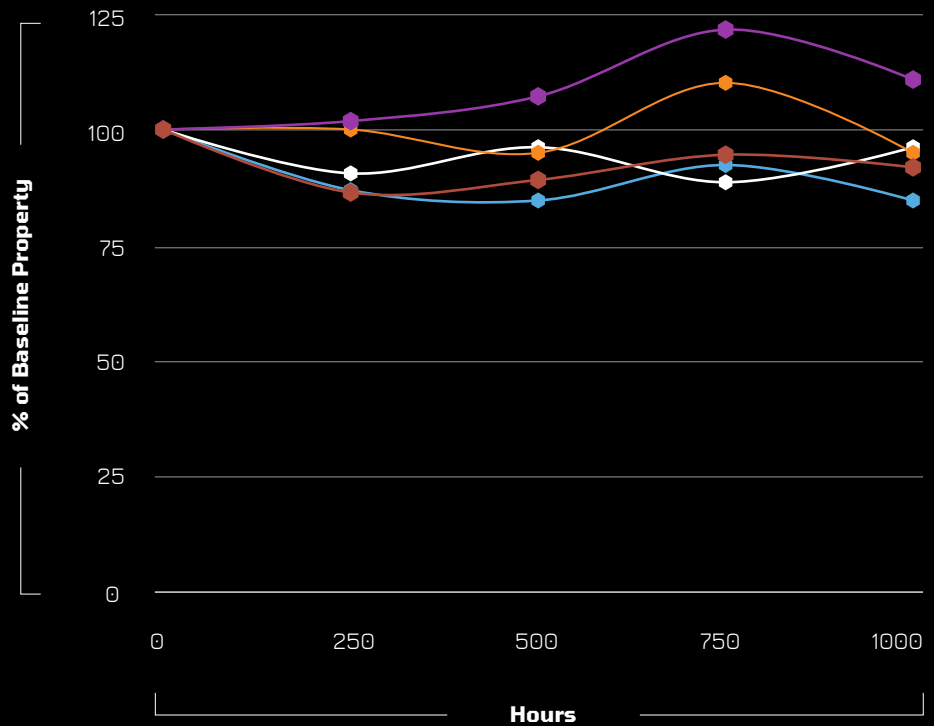
To the best of our knowledge the information contained herein is accurate. However, Inkbit Corporation makes no warranty, expressed or implied, regarding the accuracy of these results to be obtained from the use thereof.

Outdoor Stability Testing

TEPU™ 30A

UV Aging Over 1,000 Hours
(Using ASTM G154)

- MODULUS (MPa)
- ELONGATION AT BREAK (%)
- ULTIMATE TENSILE STRENGTH (MPa)
- TEAR STRENGTH (kN/m)
- TEAR PROPAGATION (kN/m)



ASTM G154: Cycle 1

ASTM D412: Die C, 500 mm/min, average values represented.

Updated: 12.03.2025

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