

TECHNICAL DATA SHEET



TPU PRO MATTE is a Thermoplastic polyurethane (TPU) material with a shore hardness of 95A.

Revision
1.0

Product
TPU PRO MATTE

	STANDARD	UNIT	TYPICAL VALUE
PHYSICAL PROPERTIES			
Density	ISO 527	g/cc	1.22
MECHANICAL PROPERTIES			
Tensile Stress, Yield	ISO 37	MPa	42
Tensile Modulus	ISO 527	MPa	-
Tensile Elongation, Break	ISO 37	%	610
Shore Hardness	ISO 868	A	95
Abrasion Resistance	ISO 4649	mm ³	50
THERMAL PROPERTIES			
Glass Transition Temperature (Tg)	DSC	°C	60
Deflection Temperature at 0.45 MPa (66psi)	ISO 75	°C	72

DATE ISSUED

MONTH
 1 2 3 4 5 6 7 8 9 10 **11** 12
DAY
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
 18 19 20 21 22 23 24 25 26 27 **28** 29 30 31
YEAR
 2021 2022 **2023**

DISCLAIMER

The technical data contained on this data sheet should not be used to establish specifications limits or used alone as the basis of design. The data provided is not intended to substitute any testing that may be required to determine fitness for any specific use.

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