

# TECHNICAL DATA SHEET



TPU PRO MATTE is a Thermoplastic polyurethane (TPU) material with a shore hardness of 85A.

Revision  
1.0

Product  
TPU PRO MATTE  
85A

	STANDARD	UNIT	TYPICAL VALUE
<b>PHYSICAL PROPERTIES</b>			
Density	ISO 527	g/cc	<b>1.22</b>
<b>MECHANICAL PROPERTIES</b>			
Tensile Stress, Yield	ISO 37	MPa	38
Tensile Modulus	ISO 527	MPa	-
Tensile Elongation, Break	ISO 37	%	520
Shore Hardness	ISO 868	A	<b>85</b>
Abrasion Resistance	ISO 4649	mm <sup>3</sup>	<b>50</b>
<b>THERMAL PROPERTIES</b>			
Glass Transition Temperature (Tg)	DSC	°C	<b>60</b>
Deflection Temperature at 0.45 MPa (66psi)	ISO 75	°C	<b>72</b>

## 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**

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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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