

Technical Data Sheet

Tray

Testing Items	Testing Method	Typical Value	Unit
Viscosity	ASTM D445	690	mPa·s(25°C)
Density	ASTM D792	1.046	g/cm ³
Color	-	Purple	-
Temperature Properties	ASTM D648	64.0	°C (0.45 MPa)
Shore Hardness	ASTM D2240	88.5	Shore D
Tensile Properties	Ultimate Tensile Strength	55.8	MPa
	Tensile Modulus	2400	MPa
	Elongation	6.6	%
Flexural Strength		78	MPa
Flexural Modulus		2190	MPa
Impact Properties	Notched IZOD	41.2	J/m

Notes:

1. It was tested with 3D printed specimen.
2. All test pieces were printed with a RAYSHAPE Shape 1+ 3D printer.

Specimens

Fig 1. Tensile testing specimen

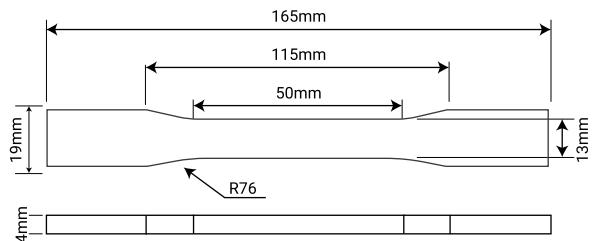
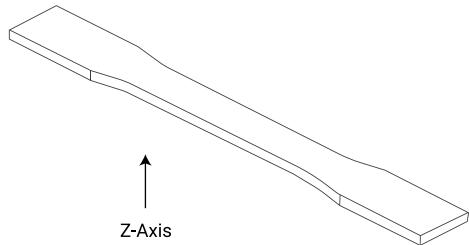


Fig 2. Impact testing specimen

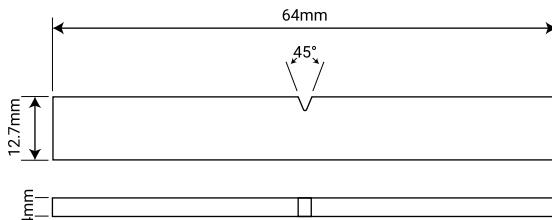
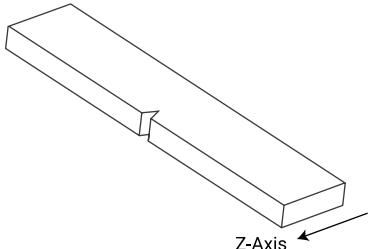
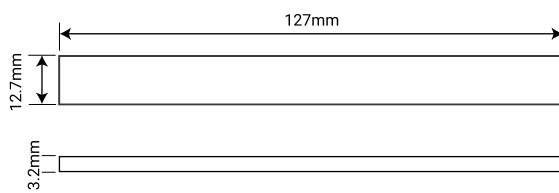
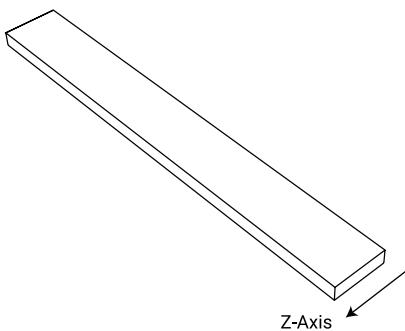


Fig 3. Flexural testing specimen



Disclaimer

The typical values presented in this data sheet are intended for reference and comparison purposes only. They should not be used for design specifications or quality control purposes. Actual values may vary significantly with printing conditions. Enduse performance of printed parts depends not only on materials, but also on part design, environmental conditions, printing conditions, test conditions, etc. Product specifications are subject to change without notice.

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