

# Technical Data Sheet

# Cast

Testing Items	Testing Method	Typical Value	Unit
Viscosity	ASTM D445	350	mPa·s(25°C)
Density	ASTM D792	1.115	g/cm <sup>3</sup>
Color	-	Green	-
Temperature Properties	ASTM D648	-	°C ( 0.45 MPa )
Shore Hardness	ASTM D2240	68	Shore D
Tensile Properties	Ultimate Tensile Strength	ASTM D638	15.7
	Tensile Modulus	ASTM D638	-
	Elongation	ASTM D638	10
Flexural Strength		ASTM D790	-
Flexural Modulus		ASTM D790	-
Impact Properties	Notched IZOD	ASTM D256	35
			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

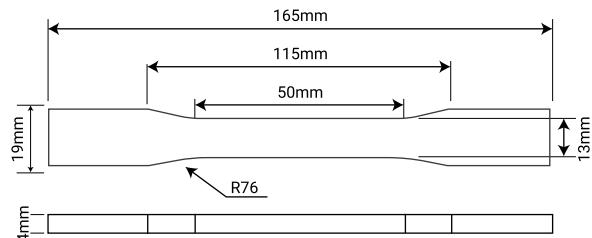
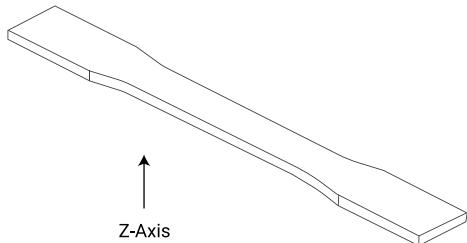


Fig 2. Impact testing specimen

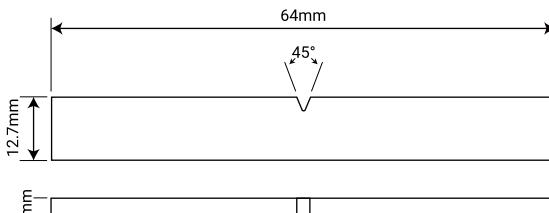
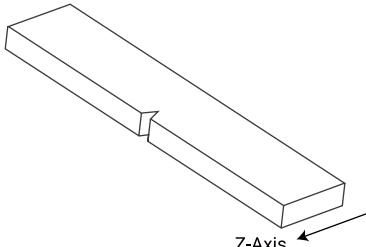
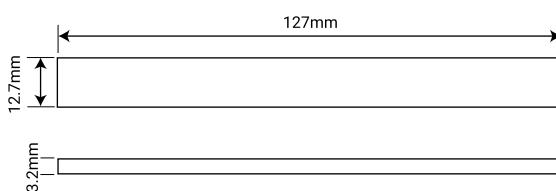
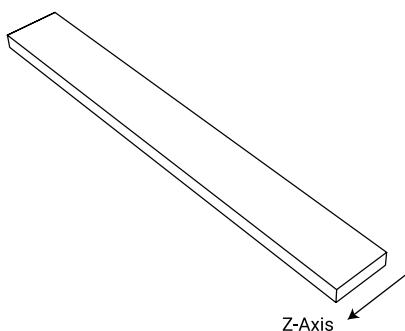


Fig 3. Flexural testing specimen



## 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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# RAYSHAPE

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