



SLA DETAILS

Standard accuracy: Standard stereolithography $\pm 0.2\%$ (min ± 0.2 mm). Sensitive to UV-light (e.g. direct sunlight).

Datasheet			
<i>Poly1500</i>			
	Units	ASTM#	Range
Density	g/cm ³		1.18 – 1.2
Tensile Modulus	MPa	D638M	1227 – 1462
Tensile Strength	MPa	D638M	30 – 32
Elongation at Break	%	D638M	15 – 25
Flexural Modulus	MPa	D790M	1310 – 1455
Flexural Strength	MPa	D790M	41 – 46
Notched Izod Impact	J/m	D256A	48 – 53
Hardness	Shore D	D2240	80 – 82
Heat Deflection Temp at 0,46 MPa	°C	D648	52 – 61
Colour	Translucent		
	Actual values may vary with build conditions		



Datasheet			
<i>TuskXC2700T / Tusk2700W</i>			
	Units	ASTM#	Range
Density	g/cm ³		1.18 – 1.2
Tensile Modulus	MPa	D638M	2650 – 2880
Tensile Strength	MPa	D638M	47.1 – 53.6
Elongation at Break	%	D638M	11 – 20
Flexural Modulus	MPa	D790M	2040 – 2370
Flexural Strength	MPa	D790M	63.1 – 74.16
Notched Izod Impact	J/m	D256A	20 – 30
Hardness	Shore D	D2240	81
Heat Deflection Temp	°C	D648-98c	at 0.46 MPa: 45.9 – 54.5 at 1.81 MPa: 49.0 – 49.7
Colour	Transparent or white		
	Actual values may vary with build conditions		