

## Cubic Ink<sup>®</sup> – Tough 1300

Material for parts with good balance between rigidity and elasticity

Tensile Properties (DIN EN ISO 527)	Value <sup>1</sup>	Unit
Ultimate Tensile Strength	22	MPa
Tensile Modulus	1000	MPa
Elongation at Break	45	%
<b>Flexural Properties (DIN EN ISO 14125)</b>		
Flexural Strength	42	MPa
Flexural Modulus	1200	MPa
<b>Impact Properties</b>		
Charpy un-notched (DIN EN ISO 179–1)	64	kJ/m <sup>2</sup>
IZOD un-notched (DIN EN ISO 180)	510	J/m
<b>Thermal Properties</b>		
HDT B (DIN EN ISO 75)	42	°C
<b>Hardness Properties (DIN ISO 7619–1)</b>		
Shore D hardness	75	
<b>Print Appearance/ Color</b>		
Available in cyan, magenta, yellow, black, white and grey. More colors on request.		
<b>Compatibility</b>		
Compatible with the Cubic Ink material portfolio.		
<b>Storage</b>		
6–9 month when stored in the closed container at RT in the dark.		

<sup>1</sup>Properties with post-processing. All material properties can vary with printer, print settings, object orientation, part geometry, post-processing and age of sample.