

Cubic Ink® – Tough 1300

Technical datasheet

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Material for parts with good balance between rigidity and elasticity

Tensile Properties (DIN EN ISO 527)	Value¹	Unit
Ultimate Tensile Strength	22	MPa
Tensile Modulus	1000	MPa
Elongation at Break	45	%
Flexural Properties (DIN EN ISO 14125)		
Flexural Strength	42	MPa
Flexural Modulus	1200	MPa
Impact Properties		
Charpy un-notched (DIN EN ISO 179-1)	64	kJ/m ²
IZOD un-notched (DIN EN ISO 180)	510	J/m
Thermal Properties		
HDT B (DIN EN ISO 75)	42	°C
Hardness Properties (DIN ISO 7619-1)		
Shore D hardness	75	
Print Appearance / Color		
Available in cyan, magenta, yellow, black, white and grey. More colors on request.		
Compatibility		
Compatible with the Cubic Ink material portfolio.		
Storage		
6–9 month when stored in the closed container at RT in the dark.		

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