

Cubic Ink® – Rigid 700

Technical datasheet

Oct 29th 2021

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Rigid material for accurate prints with sharp edges

Tensile Properties (DIN EN ISO 527)	Value¹	Unit
Ultimate Tensile Strength	57	MPa
Tensile Modulus	2300	GPa
Elongation at Break	4	%
Flexural Properties (DIN EN ISO 14125)		
Flexural Strength	96	MPa
Flexural Modulus	2650	GPa
Impact Properties		
IZOD un-notched (DIN EN ISO 180)	356	J/m
Thermal Properties		
HDT B (DIN EN ISO 75)	54	°C
Hardness Properties (DIN ISO 7619-1)		
Shore D hardness	80	
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.