

Cubic Ink® – High Performance 4-1203

Material with good balance between temperature form-stability and toughness for final part production

Tensile Properties (DIN EN ISO 527)	Value¹	Unit
Ultimate Tensile Strength	66	MPa
Tensile Modulus	3000	MPa
Elongation at Break	6	%
Flexural Properties (DIN EN ISO 14125)		
Flexural Strength	118	MPa
Flexural Modulus	2700	MPa
Impact Properties		
IZOD un-notched (DIN EN ISO 180)	244	J/m
Thermal Properties		
HDT A (DIN EN ISO 75)	78	°C
HDT B (DIN EN ISO 75)	100	°C
Hardness Properties (DIN ISO 7619-1)		
Shore D hardness	84	
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.		

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