



xCERAMIC3820

xCERAMIC3820 intro copy

The material has a white, ceramic-like color and feel.



Part Properties

Measurement	Unit	Value	Test Method
Tensile Modulus	MPa	9410	ASTM D638
Tensile Strength	MPa	40	ASTM D638
Elongation	%	0.5	ASTM D638
HDT at 0.45 Mpa	°C	280	ASTM D648
Solid Density	g/cm ³	1.73	ASTM D792
Shore Hardness	D	96	ASTM D2240
Water Absorption	%	0.29	ASTM D570

Post Processing

Nexa3D xCERAMIC3820 requires post processing to achieve specified properties. Prior to post curing, support structures should be removed from the printed part, and the part should then be washed. Nexa3D recommends using xClean followed by IPA. Parts should not be submerged in either washing fluid for more than 5 minutes.

Post Curing

Nexa3D xCERAMIC3820 requires post curing to achieve specified properties. It is recommended that either an LED or wide spectrum lamp be used to post cure parts. Nexa3D recommends using the XiP Wash+Cure station or xCure for best results.

Additional methods can be found by contacting us at www.nexa3d.com.



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