







Material Properties	Norm	Typical values
Tensile	rtorm	Typical values
E-modulus		2460 MPa
Tensile Strength at yield	ASTM D638	60 MPa
Elongation at Yield		5 %
Jltimate Tensile Strength		42 MPa
Elogation @ break		11 %
Flexural		
Flexural Modulus	ASTM D790	1590 MPa
Flexural Strength @ 5% Strain		93 MPa
mpact		
Notched Izod 23 °C	ASTM D256	36 J/m
Thermal		
HDT @ 0.45	ASTM D648	59 °C
HDT @ 1.82		53 °C
Hardness		
Shore D	ASTM D2240	80
General		
Viscosity @ 30 °C		250 mPas
Viscosity @ 50 °C		90 mPas

## Ultracur3D ST 45 / ST45 M



Faster post-curing no thermal treatment needed High impact strength

High E modulus

Wide UV-long-term stability of printed parts