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Technical Data Sheet

Ultracur3D® FL 60

Reactive Urethane Photopolymer

General Properties	Norm	Typical Values
Viscosity, 30 °C	Cone/Plate Rheometer[1]	450 mPas
Viscosity, 50 °C	Cone/Plate Rheometer[1]	180 mPas
Density	ASTM D792	//
Density (liquid resin)	ASTM D4052-18a	//

Tensile Properties	Norm	Typical Values
Ultimate Tensile Strength	ASTM D412C	4 MPa
Ultimate Elongation	ASTM D412C	84%

Mechanical Properties	Norm	Typical Values
Tear Strength	ASTM D624	13 kN/m
Rebound Pendulum	ASTM D1054	16%

Hardness	Norm	Typical Values
Shore A	ASTM D2240	73

1) Determined with TA-Instrument DHR rheometer, cone/plate, diameter 60 mm, shear rate 100 s^{-1}

 Version 2.0