

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

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