

## Technical Data Sheet

# Ultracur3D® FL 60

Reactive Urethane Photopolymer

| General Properties     | Norm                              | Typical Values |
|------------------------|-----------------------------------|----------------|
| Viscosity, 30 °C       | Cone/Plate Rheometer <sup>1</sup> | 450 mPas       |
| Viscosity, 50 °C       | Cone/Plate Rheometer <sup>1</sup> | 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<sup>-1</sup>

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