



# Bilby 3D

## **MATERIAL DATA SAFETY SHEET**

Issued in Australia by Bilby 3D Pty Ltd.

The attached Material Data Safety Sheet has been prepared by the manufacturer outside Australia.

In accordance with Australia WHS regulations the following Australian contact details apply

### **Section 1: AUSTRALIAN COMPANY DETAILS**

In Australia the product is imported and distributed by:  
Bilby 3D Pty Ltd

Mailing Address :

Kingsgrove Business Centre, 7/192 Kingsgrove Rd, Kingsgrove NSW 2208

Head Office Address :

Kingsgrove Business Centre, 7/192 Kingsgrove Rd, Kingsgrove NSW 2208

Contact Phone: 1800 847 333

### **Section 2: AUSTRALIAN EMERGENCY CONTACT**

#### **Emergency Contact**

In the event of an emergency please contact:

Poisons Information Centre 24 hour Telephone Advice Line on 13 11 26

### **Section 3: AUSTRALIAN ISSUE DATA**

**Date of Issue** : 1 March 2020

## Technical Data Sheet

# Ultracur3D® EL 150

Reactive Urethane Photopolymer

General Properties	Norm	Typical Values
Viscosity, 30 °C	Cone/Plate Rheometer <sup>1</sup>	90 mPas
Viscosity, 50 °C	Cone/Plate Rheometer <sup>1</sup>	44 mPas
Density	ASTM D792	1.095 g/cm <sup>3</sup>
Density (liquid resin)	ASTM D4052-18a	1.04 g/cm <sup>3</sup>

Tensile Properties	Norm	Typical Values
E Modulus	ASTM D412 C	27 MPa
Ultimate Tensile Strength	ASTM D412 C	6 MPa
Elongation at Break	ASTM D412 C	150 %

Mechanical Properties	Norm	Typical Values
Tear Strength	ASTM D624	15 N/mm
Rebound Resilience	ASTM D1054	25 %
Compression at 23°C, 72h	ASTM D395-B	35 %

Hardness	Norm	Typical Values
Shore A	ASTM D2240	78

<sup>1</sup>) Determined with TA-Instrument DHR rheometer, cone/plate, diameter 60 mm, shear rate 100 s<sup>-1</sup>

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