



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



Liquid Crystal OPUS

HIGH PERFORMANCE MATERIALS



MATERIALS



SPECIALIST DENTAL RESINS

Dental Model *Beige, grey and white*

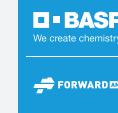
Our Photocentric dental model resins have been formulated to create detailed, high resolution dental models on the LC Opus printer. The resins have been developed in conjunction with Dental Technologists to ensure an optimal colour, feel, and working characteristics. These materials are ideal for orthodontic, study and working models.



HIGH PERFORMANCE RESINS

Durable UV80 *Black*

Tough, durable, and long lasting. Simulating the strength and stiffness of ABS. With a high definition and a smooth surface finish. This resin is ideal for jigs and fixtures requiring minimal deflection, cover-plates and enclosures, fastenings, tools and couplings. Also suitable for the production of end-use parts.



PHOTOCENTRIC & BASF

ST45B *Black*

Is a medium-viscous, highly reactive photopolymer for stereolithography applications resulting in tough multipurpose parts. It can be used to produce high performance functional parts.

DLP Castable *Violet*

For creating highly accurate jewellery parts for investment casting. Printed parts display high accuracy and detail which shows in the smooth, crisp finish on the cast parts. Virtually no ash or residue, no expansion, producing highly detailed parts.

Crystal Clear *Clear*

Our UV Crystal Clear 3D Printing resin is ideal for making clear strong objects with only minimal shrinkage. UV Crystal Clear has been specifically developed to allow the fabrication of extremely clear objects with a smooth, shiny surface finish.

EL150 *Clear*

A versatile reactive urethane photopolymer for highly elastic applications that delivers medium softness. It provides an optimal combination of high torsional strength, good elongation at break, and long-term rebound.

DLP Poliglass *Clear*

Poliglass has been formulated to resemble glass. Objects printed in Poliglass have a smooth surface finish and high transparency mimicking glass objects.

RG35 *Black*

Is a medium viscous, highly reactive photopolymer for stereolithography applications resulting in rigid multipurpose parts. It can be used to produce high performance functional parts. Parts produced with this resin show no water uptake.

DLP High Tensile Grey *Grey*

Our High Tensile UV DLP photopolymer is ideal for making objects with a high tensile strength and hardness. Objects cannot be bent or compressed easily and remain strong over long periods of time.

RG50 *Clear*

A medium-viscosity, highly reactive urethane photopolymer for rigid applications, delivering very high print accuracy, low cure shrinkage and good temperature stability

DLP Hard *Black, grey and white*

Rigid prototyping resin with crisp details, high stiffness and hardness. Parts printed with this resin won't deform when pressure is applied.

ST80 *Black*

Is a multipurpose, reactive urethane photopolymer targeting the lowest cost per part. Suitable for high performance prototype prints, fully functional end-use parts, and fluid flow models.

FL300 *Clear*

Is a well-balanced reactive urethane photopolymer for flexible applications that delivers exceptional torsional flexibility with high tear strength. It provides very high softness, superior elongation at break, and consistent rebound.

