





Ultracur3D® RG 35

Rigid Reactive Urethane Photopolymer

Ultracur3D® RG (rigid product line) is a medium-viscous, highly reactive photopolymer for 3D printing applications resulting in rigid multipurpose parts. It can be used to produce high performance functional parts by using Stereolithography (SLA), Digital Light Processing (DLP) or Liquid Crystal Display (LCD) machines. Parts produced with this resin show no water uptake and excellent UV aging properties.

Benefits at a Glance

- High accuracy
- No water uptake
- Low shrinkage
- UV aging
- Flame-retardant

Example Applications

- Snapper
- Air duct
- Electrical socket
- Connectors
- Thermoforming mold
- Jigs and fixtures

Material Properties: Ultracur3D RG 35

Tensile Strength	68 MPa
Flexural Modulus	2546 MPa
Elongation @ break	4 %
HDT @ 0.45	84 °C
E Modulus	2539 MPa

Project reference Snapper

■ Description of the project & challenge:

the Forward AM team. The customer was currently using several

■ Our solutions and added value for the customer:



