



## 3DP VERO BLUE

### Product Highlights:

- Acrylic based photopolymer
- Translucent
- Rigid, Good impact strength
- 83 Shore D
- No post processing
- Ideal for: Visualization models, flow models, master patterns for tooling

### FullCure 840

MEASUREMENT	METHOD/CONDITION	METRIC	US
Tensile Strength	D-638-03	55.1 MPa	7990 psi
Modulus of Elasticity	D-638-04	2740 MPa	397300 psi
Elongation at Break	D-638-05	20 %	20 %
Flexural Strength	D-790-03	83.6 MPa	12122 psi
Flexural Modulus	D-790-04	1983 MPa	287535 psi
Compressive Strength	D-695-02	79.3 MPa	11499 psi
Izod Notched Impact	D-256-06	23.6 J/m	0.44 ft lb/in
Shore Hardness	Scale D	83 Scale D	83 Scale D
Rockwell Hardness	Scale M	81 Scale M	81 Scale M
HDT at 0.45 MPa	D-648-06	48.8 °C	120 °F
HDT at 1.82 MPa	D-648-07	44.8 °C	113 °F
Tg	DMA, E''	48.7 °C	120 °F
Ash Content	N/A	<0.3 %	<0.3 %
Water Absorption	D570-98 24 Hr	1.87 %	1.87 %

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