



Features & Benefits

- Acrylic Based Photopolymer
- Translucent
- Rigid
- Good Impact Strength
- 83 Shore D
- No Post Processing
- Ideal For:
 - Visualization Models
 - Flow Models
 - Master Patterns For Tooling

Additional Information

- Available for Instant Online Quoting
- Maximum Build: 19.7x15.7x8in
- Tolerances: +/- .003" for the first 3 inches, +/- .001" for each additional inch
- Minimum Wall Thickness: .035"
- Layer Thickness: .0006
- Finish Options Include:
 - Standard
 - Color Paint
 - Color Dye
 - Metal Coating

3DP FullCure[®] 720

MEASUREMENT	METHOD/CONDITION	METRIC	US
Tensile Strength	D-638-03	60.3 MPa	8744 psi
Modulus of Elasticity	D-638-04	2870 MPa	416150 psi
Elongation at Break	D-638-05	20 %	20 %
Flexural Strength	D-790-03	75.8 MPa	10991 psi
Flexural Modulus	D-790-04	1718 MPa	249110 psi
Compressive Strength	D-695-02	84.3 MPa	12224 psi
Izod Notched Impact	D-256-06	21.3 J/m	0.40 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	48.4 °C	119 °F
HDT at 1.82 MPa	D-648-07	44.4 °C	112 °F
Tg	DMA, E"	48.7 °C	120 °F
Ash Content	NA	<0.01 %	<0.01 %
Water Absorption	D570-98 24 Hr	1.53 %	1.53 %

FullCure Transparent is the original material developed for Objet PolyJet-based 3-Dimensional Printing Systems.