

FullCure 700 Series Photopolymer Materials



- Good impact strength
- No additional curing required
- Absorbs paint, can be machined, drilled, chrome-plated or used as a mold
- Elongation at break enables snap fit

Part of an expanded line of proprietary photopolymer resins, FullCure™ 700 Series are designed for precise jetting in super fine layers by PolyJet™ technology inside the Eden333 and 260 from Stratasys. Both model and non-toxic, gel-like support materials come in sealed, easy to handle 2kg cartridges easily replaced through a front-loading door.



Property	Standard Procedure	Value
Tensile Strength	D-638	42.3 MPa
Elongation at break	D-638	15%-25%
Modulus of Elasticity	D-638	2000 MPa
Flexural Strength	D790	70.6 MPa
Flexural Modulus	D790	1978 MPa
Izod Notched Impact	D256	25-38 J/m
Heat Distortion Temperature	D648@ 0.45Mpa (66psi) @ 1.82Mpa (264psi)	110° F (43° C) 115° F (46° C)
Compression Strength	D695	69.4 MPa
Rockwell	Scale M	81.0

Ash Content: The ash content of the FullCure 720 is < 0.01% at 1000° C **Resin Density:** Liquid model resin (RT) 1.092 gr/cc **Coefficient of Thermal Expansion:** @ 30-35°C: (34.6 ± 4.7) X 10-6 m/m°C @40-70°C: (60.8 ± 9.5) X 10-6 m/m°C @ 75-90°C: (104.4 ± 8.5) X 10-6 m/m°C @ 95-110°C (122.2 ± 4.0) X 10-6 m/m°C

For more information about Stratasys systems and materials, contact your representative or visit www.stratasys.com

