



# Redeye

PARTS FOR PROTOTYPE AND PRODUCTION · ON DEMAND

# Clear PolyJet Resin (FC720)



PolyJet is a resin like material similar to stereolithography (SLA). Clear PolyJet Resin (FC720) works well for prototypes that require smooth surface finish and high feature detail. Parts from this material can absorb paint or dye, be chrome plated, used as a master for silicone molds and have been used in investment casting. Clear PolyJet parts will have a semi-translucent appearance, which can be enhanced with sanding and buffing. Typical industries included toys, foot wear, architecture and any industry where feature detail and surface finish are required.

Properties	Standard Procedure	FullCure 720
Tensile Strength, MPa	D-638	60.3
Elongation at Break, %	D-638	15% - 25%
Modulus of Elasticity, MPa	D-638	2,870.0
Flexural Strength, MPa	D-790	75.8
Flexural Modulus, MPa	D-790	1,718.0
Izod Notched Impact, J/M	D-256	39.6
Compression Strength, MPa	D-695	84.3
SHORE	Scale D	83.0
Rockwell	Scale M	81.0
Heat Distortion Temperature, C	D-648 @ 0.45Mpa	48.4
	@ 1.82Mpa	44.4
Tg, C	DMA, E''	48.7
Ash Content		<0.01%

For more information about Redeye services and materials, contact your representative at +1 866-882-6934 or visit [www.redeyeondemand.com](http://www.redeyeondemand.com)

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