

# FullCure 720

FullCure Transparent is the original material developed for Objet PolyJet-based 3-Dimensional Printing Systems. A translucent acrylic-based photo polymer material, FullCure Transparent is suitable for a wide range of rigid models, particularly where visibility of liquid flow or internal details are needed. It utilizes the same support material (FullCure Support) as all FullCure Model materials, enabling an easy removal process and an easy switching between FullCure Transparent and other model materials.

## Key Advantages

- Enables visibility of liquid flow and internal details
- No post processing required as materials are fully cured
- Elongation at break of 20% enables functional applications
- Good impact strength
- Models can be handled and touched, right off the tray
- Easy to remove gel-like support –material means no hard grid edges
- Model surfaces readily absorb paint without additional processing
- Model material can also be machined, drilled, chrome-plated or used as a mold

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	D790	75.8
Flexural Modulus, MPa	D790	1,718.0
Izod Notched Impact, J/m	D256	39.6
Compression Strength, MPa	D695	84.3
SHORE	Scale D	83.0
Rockwell	Scale M	81.0
Heat Distortion Temperature, °C	D648 @ 0.45Mpa	48.4
	@ 1.82Mpa	44.4
Tg, °C	DMA, E"	48.7
A sh Content		<0.01%

