

## POLYJET: FULLCURE 720 TRANSPARENT

**RIGID, GREAT FOR VIEWING LIQUID FLOW OR INTERNAL DETAILS**

### DESCRIPTION:

FULLCURE TRANSPARENT IS A TRANSLUCENT ACRYLIC-BASED PHOTOPOLYMER MATERIAL. FULLCURE TRANSPARENT IS SUITABLE FOR A WIDE RANGE OF RIGID MODELS, PARTICULARLY WHERE VISIBILITY OF LIQUID FLOW OR INTERNAL DETAILS IS NEEDED.

### APPLICATIONS:

- ENABLES VISIBILITY OF LIQUID FLOW AND INTERNAL DETAILS
- ELONGATION AT BREAK OF 20% ENABLES SOME FUNCTIONAL APPLICATIONS
- GOOD IMPACT STRENGTH
- MODEL SURFACES READILY ABSORB PAINT WITHOUT ADDITIONAL PROCESSING
- MODEL MATERIAL CAN ALSO BE MACHINED, DRILLED, CHROME-PLATED OR USED AS A MOLD



### POLYJET: FULLCURE720 - TRANSPARENT

PROPERTY	ASTM	METRIC UNITS
TENSILE STRENGTH	D-638-03	60.3 MPA
MODULUS OF ELASTICITY	D-638-04	2870 MPA
ELONGATION AT BREAK	D-638-05	20 %
FLEXURAL STRENGTH	D-790-03	75.8 MPA
FLEXURAL MODULUS	D-790-04	1718 MPA
COMPRESSIVE STRENGTH	D-695-02	84.3 MPA
IZOD NOTCHED IMPACT	D-256-06	21.3 J/M
SHORE HARDNESS	SCALE D	83 SCALE D
ROCKWELL HARDNESS	SCALE M	81 SCALE M
HDT AT 0.45 MPA	D-648-06	48.4 °C
HDT AT 1.82MPA	D-648-07	44.4 °C
	DMA, E"	48.7 °C
ASH CONTENT	NA	<0.01 %
WATER ABSORPTION	D570-98 24 HR	1.53 %

### SERVICES AVAILABLE

PRODUCT DESIGN  
 RAPID PROTOTYPING  
 SLA  
 FRSLA  
**POLYJET**  
 SLS  
 DMLS  
 FDM  
 PLASTIC CASTING  
 CNC MACHINING  
 INJECTION MOLD TOOLING  
 RAPID TOOLING  
 PRODUCTION TOOLING  
 INJECTION MOLDING  
 METAL CASTING

1681 KETTERING STREET  
 IRVINE, CA 92614  
 PHONE 888.496.3406  
 FAX 714.641.3111

**DINSMOREINC.COM**