



PROTOTYPING RESIN (PR 25)

GENERAL PURPOSE RESIN FOR CLIP

DESCRIPTION:

PR IS THE PROTOTYPING RESIN USED IN CARBON PRINTERS WITH PROPERTIES SIMILAR TO SLA RESINS. IT PRINTS QUICKLY, HAS EXCELLENT RESOLUTION, AND PERFORMS WELL ENOUGH TO WITHSTAND MODERATE FUNCTIONAL TESTING. IT IS AVAILABLE IN SIX COLORS — CYAN, MAGENTA, YELLOW, BLACK, WHITE, AND GRAY. THESE COLORS CAN BE MIXED TO CREATE CUSTOM COLORS.

PR 25 IS A RAPID PRODUCTION MATERIAL THAT IS USED TO BOTH QUICKLY ITERATE THROUGH ENGINEERING DESIGNS AND PRODUCE PARTS WITH REMARKABLE DETAIL.

PROTOTYPING RESIN (PR 25)

PROPERTY	ASTM	METRIC UNITS
ULTIMATE TENSILE STRENGTH	D638	26-32 MPA
YOUNGS MODULUS	D638	600-950 MPA
ELONGATION AT BREAK	D638	15-28 %
IMPACT STRENGTH	D256	24-28 J/M
FLEXURAL STRENGTH	D790	35-45 MPA

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SERVICES AVAILABLE

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