



## ELASTOMERIC POLYURETHANE (EPU 60)

### HIGHLY ELASTIC AND RESILIENT ENGINEERING RESIN FOR CLIP

**DESCRIPTION:**

EPU IS A HIGH PERFORMANCE POLYURETHANE ELASTOMER. IT EXHIBITS EXCELLENT ELASTIC BEHAVIOR UNDER CYCLIC TENSILE AND COMPRESSIVE LOADS. EPU IS USEFUL FOR DEMANDING APPLICATIONS WHERE HIGH ELASTICITY, IMPACT AND TEAR RESISTANCE ARE NEEDED SUCH AS CUSHIONING, GASKETS, AND SEALS.

EPU 60 IS A GENERAL PURPOSE STRETCHABLE MATERIAL WHICH EXHIBITS ELASTIC BEHAVIOR OVER A WIDE TEMPERATURE RANGE.



### 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

#### ELASTOMERIC POLYURATHANE (EPU 60)

PROPERTY	ASTM	METRIC UNITS
ULTIMATE TENSILE STRENGTH	D638	5 - 7 MPA
YOUNGS MODULUS	D638	6 - 8 MPA
ELONGATION AT BREAK	D638	250 - 300 %
TEAR STRENGTH		15 - 20 KN/M
HARDNESS, SHORE A		55-60 A

1681 KETTERING STREET  
 IRVINE, CA 92614  
 PHONE 714.641.7111  
 FAX 714.641.3111

**DINSMOREINC.COM**