

## PRODUCT DATA BULLETIN

### IE- 60DC

### POLYURETHANE ELASTOMER

#### DESCRIPTION

IE- 60DC is a tough, abrasion resistant polyurethane elastomer formulated for room temperature hand batch processing. The unique chemistry of the system imparts excellent electrical properties, hydrolytic stability, and flexibility at low temperatures. Excellent physical properties are obtained with only a room temperature cure without the utilization of MOCA or TDI.

#### APPLICATIONS

- \* Rollers \* Fixtures
- \* Pallets \* Prototypes
- \* Molds \* Bumpers

#### TYPICAL PROPERTIES

Resin/Hardener ratio (Parts by Weight)	100/12
(Parts by Volume)	100/12
Resin viscosity (@ 77 ° F.)	2800 cps
Hardener viscosity (@ 77° F.)	250 cps
Initial mixed viscosity	2200 cps
Working life	9 – 12 min.
Color	Clear amber
Demold time	2 hrs.
Ultimate cure @ 77 F.	7 days

#### CURED PROPERTIES

	Test Method	24 hours @ Room Temp.	7 Days @ Room Temp.
Hardness	ASTM D-2240	45-45 D	44-50 D
Tensile Strength	ASTMD-638	1000 psi	2100 psi
Elongation at Break	ASTMD-638	185 %	250%
Tear Strength	ASTM D-624	210 pli	320 pli
Flex Modulus	ASTM D-790	15,000 psi	25,000 psi