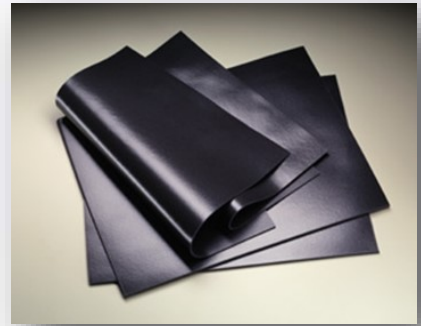


MJ May High Performance Rubber

Semi-Finished Products made from Polyurethane



www.mjmay.com

Polyurethane

Polyurethane compounds possess an extraordinary combination of physical, mechanical, and environmental properties. Combining the outstanding properties of rigid plastic, metals, and rubbers, a superior viscoelastic polymer was born. It has the shock absorbing properties of rubber coupled with the tear resistance of plastic.

The most outstanding properties are:

- Excellent resilience
- Extra toughness and durability
- Very high load bearing and cut resistance
- Low compression set
- Very good impact resistance
- Excellent abrasion resistance
- Oil, solvent and water resistance

Polyurethane can be used in a temperature range from -20°F to $+200^{\circ}\text{F}$.

TYPICAL PROPERTIES

Color: Black

Temperature Range: -20°F to $+200^{\circ}\text{F}$

Tensile Strength: 800 psi (40A), 4,100 psi (60A), 6,350 (80A), 5,500 psi (90A), 6,500 psi (95A), and 8,000 psi (75D)

Recommended for Outdoor Use: YES

TYPICAL APPLICATIONS

Applications include: high tension applications such as conveyor belts, high wear applications such as cutting surfaces, bumpers, and liners.

FORMS AVAILABLE (from stock)

Sheet: 1/16" to 1-1/2" thick

Rod: 1/4" to 2" OD

Tubes: 1/4" to 1" ID / 7/8" to 2" OD

Durometers Available: 40A, 60A, 80A, 90A, 95A and 75D