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Technical Data Sheet

K3000 Thermoplastic Urethane

This soft polyether type polyurethane provides excellent clarity with a slight yellow tint. K3000 is the best choice when high abrasion resistance, excellent chemical resistance, and clarity are needed in your application.

Typical Physical Properties

Properties based on injection molded samples

ASTM D-2240	ASTM D-412	ASTM D-412	ASTM D-412	ASTM D-412
<u>Durometer (shore A)</u>	<u>Tensile @ Break</u>	<u>Elongation</u>	<u>100% Modulus</u>	<u>300% Modulus</u>
72	3580 psi (24.7 MPa)	730%	440 psi (3 MPa)	750 psi (5.2 MPa)

Dimensions are controlled by in-line laser gauges. Products are made in the USA.

Key Features

Tear Strength: 380 pli (447.9 kg/cm)

Color: Water Clear

Operating Temp. -40 to 168°F (-40 to 76°C)

Abrasion resistant

Resistant to Ozone

Excellent colorability

Soft rubbery feel

Sterilization:

Ethylene oxide

Biocompatibility

Meets FDA food grade requirements

The buyer must perform all tests necessary to confirm whether the product and its performance and qualities are suitable for the intended application. Final determination of fitness of the product for the intended application is the buyer's responsibility. Kent Elastomer shall not be liable for any misuse or misapplication of its products.