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# Technical Data Sheet
# K2620 Thermoplastic Elastomer

KEP Thermoplastics have been used by many of the world's leading medical device and Food & Beverage companies for over 20 years. Thermoplastic Elastomers offer a wide range of choices, providing specific properties, and functional benefits for new and existing applications. Kent's FDA-registered extrusion facility is maintained and adheres to ISO9000 and GMP guidelines. State of the art in-line laser gauges monitor precise and strict dimensional tolerances.

## Typical Physical Properties

Properties based on extruded tubing samples

| ASTM D-2240 | ASTM D-412 | ASTM D-412 | ASTM D-412 |
|---|---|---|---|
| **Durometer (shore A)** | **Tensile @ Break** | **Elongation** | **300% Modulus** |
| 64 | 1500 psi (10.3 MPa) | 700% | 300 psi (2.1 MPa) |

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

## Key Features

**Color:**
Natural
Translucent
Colors are available

Operating Temp. -40 to 195°F (-40 to 91°C)
Resistant to Ozone
Gamma Stable
Compatible: fatty food use*
Compatible: hot liquid use*
Excellent colorability

Bondable to Polypropylene
Soft rubbery feel

**Sterilization:**
Ethylene oxide Gamma ray
Dimensionally stable

## Biocompatibility

Meets FDA food grade requirements

## Regulatory Compliance

DEHP free
Free of animal derivatives
Phthalate free
BPA Free
No sources of BSE or TSE

**Use is related to the FDA status of the material (see applicable CFR section) and the end use of the application. The end use needs to be evaluated to determine if it is acceptable for fatty food and/or hot liquid use.*

*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.*