



1500 St. Clair Avenue
 Kent, Ohio 44240-0668
 Phone: (330) 673-1011
 Toll Free: (800) 331-4762
 Fax: (330) 673-1351

Technical Data Sheet

K2100 Thermoplastic Vulcanizate

Kent's TPVs are an excellent choice for applications that require performance while remaining economical. For over a decade leaders in the food and beverage industry have partnered with Kent to fill this need. Kent's TPVs provide durability, flexibility, and excellent long-term resistance to heat, hot fluids, oils, and dairy products. 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 injection molded samples

ASTM D-2240	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>
60	711 psi (4.9 MPa)	410%	290 psi (2 MPa)

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

Key Features

Tear Strength: 91.4 pli (107.7 kg/cm)

Color: Opaque
 Tan

Resistant to Ozone
 Excellent colorability

Natural Finish: Matte
 Other surface finishes available

Soft rubbery feel
 Low extractables
 Recyclable

Sterilization:

Ethylene oxide Gamma ray Autoclavable to 135°C
 Dimensionally stable
 Can be resterilized

Biocompatibility

USP Class VI

Regulatory Compliance

DEHP free
 Phthalate free
 BPA Free

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.