



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

# Technical Data Sheet

## K4364 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

ISO 868	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>
69	1020 psi (7 MPa)	450%	377 psi (2.6 MPa)

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

### Key Features

**Color:** Opaque  
 Tan

**Natural Finish:** matte  
 Other surface finishes available

**Sterilization:**  
 Ethylene oxide Gamma ray

Can be resterilized

Resistant to Ozone  
 Excellent colorability  
 Soft rubbery feel  
 Excellent flex fatigue resistance  
 Recyclable

### Biocompatibility

NSF51 compliant  
 NSF61 compliant

### Regulatory Compliance

DEHP free  
 UL Listing  
 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.*