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# Technical Data Sheet

## K2150 Thermoplastic Vulcanizate

K2150 is a replacement compound for our K2164 that has been discontinued. 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>
70	697 psi (4.8 MPa)	290%	540 psi (3.7 MPa)

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

### Key Features

Tear Strength: 208 pli (245.1 kg/cm)

<b>Color:</b> Opaque	Abrasion resistant	
Natural Colors are available	Resistant to Ozone	Recyclable
<b>Natural Finish:</b> Matte	Gamma Stable	Smooth surface
Other surface finishes available	Excellent colorability	
	Soft rubbery feel	

### **Sterilization:**

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

### Biocompatibility

USP Class VI

### Regulatory Compliance

DEHP free  
 Free of animal derivatives  
 Phthalate 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.*