

**Geon™ Vinyl Fittings 87431**

PVC

GEON Performance Solutions

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Mold Shrinkage, MD	<b>0.0035</b>	mm/mm	ASTM D 955

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Modulus	<b>3070</b>	MPa	ASTM D 638
Tensile Strength at Yield	<b>53.1</b>	MPa	ASTM D 638
Flexural Modulus	<b>3310</b>	MPa	ASTM D 790
Flexural Strength	<b>93.8</b>	MPa	ASTM D 790
Shore D Hardness	<b>88</b>	-	ASTM D 2240
Izod Impact notched, 1/8 in	<b>53</b>	J/m	ASTM D 256
Izod Impact notched, 1/4 in	<b>48</b>	J/m	ASTM D 256

<b>Thermal properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
DTUL @ 264 psi	<b>72.2</b>	°C	ASTM D 648

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1380</b>	kg/m <sup>3</sup>	ASTM D 792

<b>Processing Recommendation Injection Molding</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Melt temperature	<b>202 - 204</b>	°C	-

**Characteristics****Processing**

Injection Molding

**Delivery form**

Pellets

**Certifications**

Drinking water contact, Drinking water contact NSF 61

**Regional Availability**

North America, Europe, Asia Pacific, South and Central America, Near East/Africa