

**Geon™ Vinyl Flexible A8000**

PVC, Flexible

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>0.017</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Break	<b>14.1</b>	MPa	ASTM D 638
Elongation at Break	<b>450</b>	%	ASTM D 638
Shore A Hardness	<b>80</b>	-	ASTM D 2240
Tear Strength	<b>57.8</b>	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	<b>25</b>	%	ASTM D 395
<b>Optical properties</b>			
<b>ASTM Data</b>			
Haze	<b>4</b>	%	ASTM D 1003
Light Transmittance	<b>82</b>	%	ASTM D 1003
<b>Other properties</b>			
Density	<b>1200</b>	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Injection Molding</b>			
Melt temperature	<b>193 - 204</b>	°C	-

**Characteristics****Processing**

Injection Molding, Other Extrusion

**Delivery form**

Pellets

**Special Characteristics**

Transparent

**Certifications**

Drinking water contact, Drinking water contact NSF 61

**Applications**

General Purpose

**Regional Availability**

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