

**Geon™ Vinyl Flexible B85B0**

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>0.015</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 Strength at Break	<b>16.2</b>	MPa	ASTM D 638
Elongation at Break	<b>400</b>	%	ASTM D 638
Shore A Hardness	<b>85</b>	-	ASTM D 2240
Tear Strength	<b>70.1</b>	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	<b>28</b>	%	ASTM D 395

<b>Other properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
Density	<b>1320</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>188 - 199</b>	°C	-

**Characteristics****Processing**

Injection Molding, Other Extrusion

**Delivery form**

Pellets

**Regional Availability**

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