

**Geon™ Vinyl Flexible B7500**

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>0.019</b>	mm/mm	ASTM D 955
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Strength at Break	<b>12.4</b>	MPa	ASTM D 638
Elongation at Break	<b>420</b>	%	ASTM D 638
Shore A Hardness	<b>75</b>	-	ASTM D 2240
Tear Strength	<b>47.3</b>	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	<b>23</b>	%	ASTM D 395
<b>Thermal properties</b>			
<b>ASTM Data</b>			
UL 94 Flame rating	<b>HB</b>	-	UL 94
Thickness tested	<b>1.5</b>	mm	-
<b>Other properties</b>			
Density	<b>1270</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

**Applications**

General Purpose

**Regional Availability**

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