

**Geon™ BIO RC6500**

PVC, Flexible

GEON Performance Solutions

<b>Mechanical properties</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ASTM Data</b>			
Tensile Strength at Break	<b>9.2</b>	MPa	ASTM D 638
Elongation at Break	<b>420</b>	%	ASTM D 638
Shore A Hardness	<b>56</b>	-	ASTM D 2240
Tear Strength	<b>29.2</b>	kN/m	ASTM D 624
Compression Set , 22 hr @ 73 °F	<b>25</b>	%	ASTM D 395
<b>Thermal properties</b>			
<b>ASTM Data</b>			
Limiting Oxygen Index	<b>21</b>	%	ASTM D 2863
<b>Other properties</b>			
<b>Value</b>			
Biobased content	<b>25</b>	%	-
Density	<b>1350</b>	kg/m <sup>3</sup>	ASTM D 792
<b>Processing Recommendation Injection Molding</b>			
<b>Value</b>			
Melt temperature	<b>188 - 199</b>	°C	-

**Characteristics****Processing**

Injection Molding, Other Extrusion

**Delivery form**

Pellets

**Additives**

Plasticizer

**Certifications**

Contains renewable resources

**Applications**

Building Construction

**Regional Availability**

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