

**Geon™ BIO RA7000**

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>11.7</b>  | MPa         | ASTM D 638           |
| Elongation at Break          | <b>420</b>   | %           | ASTM D 638           |
| Shore A Hardness             | <b>68</b>    | -           | ASTM D 2240          |

| <b>Thermal properties</b> | <b>Value</b> | <b>Unit</b> | <b>Test Standard</b> |
|---------------------------|--------------|-------------|----------------------|
| <b>ASTM Data</b>          |              |             |                      |
| Limiting Oxygen Index     | <b>21</b>    | %           | ASTM D 2863          |

| <b>Other properties</b> | <b>Value</b> | <b>Unit</b>       | <b>Test Standard</b> |
|-------------------------|--------------|-------------------|----------------------|
| Biobased content        | <b>25</b>    | %                 | -                    |
| Density                 | <b>1170</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

**Additives**

Plasticizer

**Certifications**

Contains renewable resources

**Applications**

Building Construction

**Regional Availability**

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