

## Geon™ Vinyl Flexible R8180K

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 Yield	<b>17.9</b>	MPa	ASTM D 638
Elongation at Break	<b>340</b>	%	ASTM D 638
Shore A Hardness	<b>85</b>	-	ASTM D 2240
<b>Thermal properties</b>			
<b>ASTM Data</b>			
Limiting Oxygen Index	<b>28</b>	%	ASTM D 2863
<b>Electrical properties</b>			
<b>ASTM Data</b>			
Volume Resistivity	<b>8.2E14</b>	Ohm*cm	ASTM D 257
<b>Other properties</b>			
Density	<b>1410</b>	kg/m <sup>3</sup>	ASTM D 792

### Characteristics

#### Processing

Wire/Cable Extrusion, Coating

#### Delivery form

Pellets

#### Special Characteristics

Flame retardant

#### Applications

Building Construction, Electrical and Electronical

#### Regional Availability

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