

PolyOne Geon™ Vinyl Flexible P1500 Polyvinyl Chloride, Flexible (PVC, Flexible)

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

Information provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Flexible-P1500-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|-----------|-----------|
| Specific Gravity | 1.24 g/cc | 1.24 g/cc | ASTM D792 |

| Mechanical Properties | Metric | English | Comments |
|---------------------------|----------|----------|--------------------------------|
| Hardness, Shore A | 73 | 73 | 15 sec; ASTM D2240 |
| Tensile Strength at Break | 16.5 MPa | 2390 psi | Type IV, 510 mm/min; ASTM D638 |
| Elongation at Break | 350 % | 350 % | Type IV, 510 mm/min; ASTM D638 |

| Thermal Properties | Metric | English | Comments |
|-------------------------|----------------------------|-----------------------------|------------|
| Brittleness Temperature | -35.6 °C | -32.1 °F | ASTM D746 |
| Oxygen Index | 24 % @Thickness 3.18 mm | 24 % @Thickness 0.125 in | ASTM D2863 |

| Descriptive Properties | Value | Comments |
|------------------------|--|----------|
| Features | General Purpose | |
| Forms | Pellets | |
| Generic Material | PVC, Flexible | |
| Generic Name | Polyvinyl Chloride, Flexible (PVC, Flexible) | |
| Processing Method | Extrusion | |
| | Injection Molding | |
| | Profile Extrusion | |
| Regional Availability | Africa & Middle East | |
| | Asia Pacific | |
| | Europe | |
| | North America | |

| Descriptive Properties | Value | Comments |
|------------------------|----------------------|----------|
| Uses | Coating Applications | |
| | General Purpose | |

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