

## PolyOne Geon™ Vinyl Flexible XV3581G 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-XV3581G-Polyvinyl-Chloride-Flexible-PVC-Flexible.php](http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Flexible-XV3581G-Polyvinyl-Chloride-Flexible-PVC-Flexible.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.28 g/cc	1.28 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	88	88	15 sec; ASTM D2240
	90	90	10 sec; ASTM D2240
Tensile Strength at Break	21.2 MPa	3070 psi	Type IV, 510 mm/min; ASTM D638
Tensile Strength	14.8 MPa @Strain 100 %	2150 psi @Strain 100 %	Type IV, 510 mm/min; ASTM D638
Elongation at Break	280 %	280 %	Type IV, 510 mm/min; ASTM D638
Tear Strength	101 kN/m	576 pli	Die C, 510 mm/min; ASTM D624

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-15.0 °C	5.00 °F	ASTM D746

Processing Properties	Metric	English	Comments
Melt Temperature	188 - 193 °C	370 - 379 °F	

Descriptive Properties	Value	Comments
Features	Glow in the Dark	
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	
Processing Method	Extrusion	
Regional Availability	Africa & Middle East	

Descriptive Properties	Value	Comments
	Asia Pacific	
	Europe	
	North America	
	South America	

## Contact Songhan Plastic Technology Co.,Ltd.

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