

## PolyOne Geon™ Vinyl Flexible R291AE 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-R291AE-Polyvinyl-Chloride-Flexible-PVC-Flexible.php](http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Flexible-R291AE-Polyvinyl-Chloride-Flexible-PVC-Flexible.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.23 g/cc	1.23 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	75	75	15 sec; ASTM D2240
Tensile Strength at Break	18.4 MPa	2670 psi	Type IV, 510 mm/min; ASTM D638
Elongation at Break	280 %	280 %	Type IV, 510 mm/min; ASTM D638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-33.9 °C	-29.0 °F	ASTM D746

Processing Properties	Metric	English	Comments
Melt Temperature	174 - 182 °C	345 - 360 °F	
	188 - 199 °C	370 - 390 °F	

Descriptive Properties	Value	Comments
Appearance	Clear/Transparent	
Features	General Purpose	
	High Clarity	
	High Gloss	
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	
Processing Method	Extrusion	

Descriptive Properties	Injection Molding Value	Comments
	Profile Extrusion	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	Furniture	
	General Purpose	
	Hose	
	Profiles	
	Tubing	

## Contact Songhan Plastic Technology Co.,Ltd.

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