

## PolyOne Geon™ Vinyl Flexible R246AE 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-R246AE-Polyvinyl-Chloride-Flexible-PVC-Flexible.php](http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Flexible-R246AE-Polyvinyl-Chloride-Flexible-PVC-Flexible.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.37 g/cc	1.37 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	15 sec; ASTM D2240
Tensile Strength at Break	10.3 MPa	1490 psi	Type IV, 510 mm/min; ASTM D638
Elongation at Break	330 %	330 %	Type IV, 510 mm/min; ASTM D638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-40.0 °C	-40.0 °F	ASTM D746

Processing Properties	Metric	English	Comments
Melt Temperature	171 - 179 °C	340 - 354 °F	
	188 - 202 °C	370 - 396 °F	

Descriptive Properties	Value	Comments
Features	General Purpose	
	Medium Gloss	
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	
Processing Method	Extrusion	
	Injection Molding	
	Profile Extrusion	

<b>Regional Availability Descriptive Properties</b>	<b>Africa &amp; Middle East Value</b>	<b>Comments</b>
	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	General Purpose	
	Hose	
	Profiles	
	Tubing	

## Contact Songhan Plastic Technology Co.,Ltd.

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