

## PolyOne Geon™ Vinyl Flexible R130AE White 41 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-R130AE-White-41-Polyvinyl-Chloride-Flexible-PVC-Flexible.php](http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Flexible-R130AE-White-41-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	66	66	15 sec; ASTM D2240
Tensile Strength at Break	13.8 MPa	2000 psi	Type IV, 510 mm/min; ASTM D638
Elongation at Break	380 %	380 %	Type IV, 510 mm/min; ASTM D638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-47.8 °C	-54.0 °F	ASTM D746

Processing Properties	Metric	English	Comments
Melt Temperature	177 - 182 °C	351 - 360 °F	
	188 - 199 °C	370 - 390 °F	

Descriptive Properties	Value	Comments
Additive	Biocide	
Appearance	Clear/Transparent	
Features	General Purpose	
	Good Melt Strength	
	Good Weather Resistance	
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	

Processing Method Descriptive Properties	Coextrusion Value	Comments
	Extrusion	
	Injection Molding	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	Construction Applications	
	General Purpose	
	Hose	
	Outdoor Applications	
	Tubing	

## Contact Songhan Plastic Technology Co.,Ltd.

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