

PolyOne Geon™ Vinyl Flexible R5155A White 759 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-R5155A-White-759-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.38 g/cc	1.38 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	55	55	15 sec; ASTM D2240
Tensile Strength at Break	8.96 MPa	1300 psi	Type IV, 510 mm/min; ASTM D638
Tensile Strength	3.79 MPa @Strain 100 %	550 psi @Strain 100 %	Type IV, 510 mm/min; ASTM D638
Elongation at Break	380 %	380 %	Type IV, 510 mm/min; ASTM D638
Tear Strength	35.0 kN/m	200 pli	Die C, 510 mm/min; ASTM D624

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-48.9 °C	-56.0 °F	ASTM D746

Processing Properties	Metric	English	Comments
Melt Temperature	177 - 182 °C	351 - 360 °F	
	193 - 199 °C	379 - 390 °F	

Descriptive Properties	Value	Comments
Additive	Biocide	
Features	Good Weather Resistance	
	High Gloss	
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	

Descriptive Properties <small>Processing Method</small>	Value <small>Extrusion</small>	Comments
	Injection Molding	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	Construction Applications	
	Outdoor Applications	
	Seals	
	Weatherstripping	

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