

PolyOne Geon™ Vinyl Flexible R295AE 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-R295AE-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.30 g/cc	1.30 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	75	75	15 sec; ASTM D2240
	82	82	ASTM D2240
Tensile Strength at Break	15.3 MPa	2220 psi	Type IV, 510 mm/min; ASTM D638
Tensile Strength	8.10 MPa @Strain 100 %	1170 psi @Strain 100 %	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	-37.2 °C	-35.0 °F	ASTM D746
Flame Spread	0.00 mm/min	0.00 in/min	Automotive Burn Test; FMVSS 302
Oxygen Index	25 % @Thickness 3.18 mm	25 % @Thickness 0.125 in	ASTM D2863

Processing Properties	Metric	English	Comments
Melt Temperature	166 - 177 °C	331 - 351 °F	

Descriptive Properties	Value	Comments
Features	High Gloss	
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	

Descriptive Properties	Value & Middle East	Comments
	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	Coating Applications	

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