

## PolyOne Geon™ Vinyl Flexible R275AE White 685 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-R275AE-White-685-Polyvinyl-Chloride-Flexible-PVC-Flexible.php](http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Flexible-R275AE-White-685-Polyvinyl-Chloride-Flexible-PVC-Flexible.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.41 g/cc	1.41 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70	70	15 sec; ASTM D2240
Tensile Strength at Break	11.2 MPa	1620 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	-28.9 °C	-20.0 °F	ASTM D746

Processing Properties	Metric	English	Comments
Melt Temperature	174 - 182 °C	345 - 360 °F	

Descriptive Properties	Value	Comments
Features	Low to No Migration	
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	
Processing Method	Extrusion	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	

Descriptive Properties	South America Value	Comments
Uses	Construction Applications	
	Gaskets	
	Seals	

## Contact Songhan Plastic Technology Co.,Ltd.

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