

PolyOne Geon™ Vinyl Flexible R263AM Polyvinyl Chloride + NBR (PVC+NBR)

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-R263AM-Polyvinyl-Chloride-NBR-PVCNBR.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	61	61	15 sec; ASTM D2240
Tensile Strength at Break	13.1 MPa	1900 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	-48.9 °C	-56.0 °F	ASTM D746

Processing Properties	Metric	English	Comments
Melt Temperature	160 - 174 °C	320 - 345 °F	
	185 - 196 °C	365 - 385 °F	

Descriptive Properties	Value	Comments
Forms	Pellets	
Generic Material	PVC+NBR	
Generic Name	Polyvinyl Chloride + NBR (PVC+NBR)	
Processing Method	Extrusion	
	Injection Molding	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	

Descriptive Properties	South America Value	Comments
Uses	Footwear	

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