

PolyOne Geon™ Vinyl Flexible F70E 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-F70E-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.39 g/cc	1.39 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	52	52	15 sec; ASTM D2240
Tensile Strength at Break	20.3 MPa	2940 psi	Type IV, 510 mm/min; ASTM D638
Elongation at Break	250 %	250 %	Type IV, 510 mm/min; ASTM D638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-7.22 °C	19.0 °F	ASTM D746

Processing Properties	Metric	English	Comments
Melt Temperature	182 - 188 °C	360 - 370 °F	

Descriptive Properties	Value	Comments
Additive	Lead Stabilizer	
Features	General Purpose	
	Good Thermal Stability	
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	
Processing Method	Extrusion	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	

Descriptive Properties	North America Value	Comments
	South America	
Uses	General Purpose	
	Purging Compound	

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