

PolyOne Geon™ Vinyl Flexible B87FB 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-B87FB-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.33 g/cc	1.33 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	15 sec; ASTM D2240
	87	87	ASTM D2240
Tensile Strength at Break	15.2 MPa	2200 psi	Type IV, 510 mm/min; ASTM D638
Tensile Strength	8.27 MPa	1200 psi	Type IV, 510 mm/min; ASTM D638
	@Strain 100 %	@Strain 100 %	
Elongation at Break	300 %	300 %	Type IV, 510 mm/min; ASTM D638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-30.0 °C	-22.0 °F	ASTM D746
Oxygen Index	25 %	25 %	ASTM D2863
	@Thickness 3.18 mm	@Thickness 0.125 in	

Processing Properties	Metric	English	Comments
Melt Temperature	174 - 179 °C	345 - 354 °F	
	191 - 202 °C	376 - 396 °F	

Descriptive Properties	Value	Comments
Additive	Biocide	
Features	Flame Retardant	
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	

Descriptive Properties Processing Method	Value Extrusion	Comments
	Injection Molding	
	Sheet Extrusion	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	

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