

PolyOne Geon™ Vinyl Flexible BP90W2 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-BP90W2-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.36 g/cc	1.36 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	86	86	15 sec; ASTM D2240
Tensile Strength at Break	15.9 MPa	2310 psi	510 mm/min; ASTM D638
Tensile Strength	4.34 MPa @Strain 100 %	629 psi @Strain 100 %	510 mm/min; ASTM D638
Elongation at Break	360 %	360 %	510 mm/min; ASTM D638

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-30.0 °C	-22.0 °F	ASTM D746

Processing Properties	Metric	English	Comments
Melt Temperature	182 - 193 °C	360 - 379 °F	
	193 - 204 °C	379 - 399 °F	

Descriptive Properties	Value	Comments
Additive	Biocide	
	UV Stabilizer	
Features	High Gloss	
	Non-Phthalate Plasticizer	
	UV Absorbing	
Forms	Pellets	
Generic Material	PVC, Flexible	

Descriptive Properties	Value	Comments
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	
Processing Method	Extrusion	
	Injection Molding	
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	

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