

PolyOne Geon™ Vinyl Flexible B70CA Polyvinyl Chloride, Flexible (PVC, Flexible)

Category : Polymer , Thermoplastic , Vinyl (PVC)

Material Notes:

Improved adhesion. Information provided by PolyOne

Order this product through the following link:

http://www.lookpolymers.com/polymer_PolyOne-Geon-Vinyl-Flexible-B70CA-Polyvinyl-Chloride-Flexible-PVC-Flexible.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.22 g/cc	1.22 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.015 - 0.019 cm/cm	0.015 - 0.019 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	62	62	15 sec; ASTM D2240
	70	70	ASTM D2240
Tensile Strength at Break	11.7 MPa	1700 psi	510 mm/min; ASTM D638
Tensile Strength	3.65 MPa @Strain 100 %	529 psi @Strain 100 %	510 mm/min; ASTM D638
Elongation at Break	450 %	450 %	510 mm/min; ASTM D638
Compression Set	18 % @Temperature 23.0 °C, Time 79200 sec	18 % @Temperature 73.4 °F, Time 22.0 hour	ASTM D395

Processing Properties	Metric	English	Comments
Melt Temperature	179 - 182 °C	354 - 360 °F	
	188 - 204 °C	370 - 399 °F	

Descriptive Properties	Value	Comments
Features	High Gloss	
Forms	Pellets	
Generic Material	PVC, Flexible	
Generic Name	Polyvinyl Chloride, Flexible (PVC, Flexible)	
Processing Method	Extrusion	

Injection Molding

Descriptive Properties	Value	Comments
Regional Availability	Africa & Middle East	
	Asia Pacific	
	Europe	
	North America	
	South America	
Uses	Seals	
	Weatherstripping	

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