

Geon™ Vinyl Flexible B70CB

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible B70CB is a Flexible Polyvinyl Chloride product. It can be processed by extrusion or injection molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Sealing Applications. Primary characteristic: high gloss.

General Information			
Additive	Biocide		
Features	High Gloss		
Uses	Seals		
	Weatherstripping		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.5 to 1.9	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	70		
Shore A, 15 sec	62		

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Break	11.7	MPa	
100% Strain	3.65	MPa	
Tensile Elongation ² (Break)	450	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Compression Set (23°C, 22 hr)	18	%	ASTM D395
Injection	Nominal Value	Unit	
Processing (Melt) Temp	188 to 204	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	179 to 182	°C	

NOTE	
1.	510 mm/min
2.	510 mm/min

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Recommended distributors for this material

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