

Geon™ Vinyl Flexible B80MB

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible B80MB 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.

General Information	
Additive	Biocide
Features	General Purpose
	Low to No Migration
	Medium Gloss
Uses	General Purpose
Forms	Pellets
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.1 to 1.5	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	80		
Shore A, 15 sec	72		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Break	15.2	MPa	
100% Strain	6.89	MPa	
Tensile Elongation ² (Break)	420	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ³	48.2	kN/m	ASTM D624
Compression Set (23°C, 22 hr)	55	%	ASTM D395
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-21.7	°C	ASTM D746
Injection	Nominal Value	Unit	
Processing (Melt) Temp	191 to 202	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	174 to 179	°C	
NOTE			

1.	510 mm/min
2.	510 mm/min
3.	Die C, 510 mm/min

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Recommended distributors for this material

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