

Geon™ Vinyl Flexible D80M0

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible D80M0 is a Flexible Polyvinyl Chloride product. It can be processed by extrusion and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Applications of Geon™ Vinyl Flexible D80M0 include appliances and engineering/industrial parts.

General Information			
UL YellowCard	E41877-234240		
Features	Low to No Migration		
Uses	Appliance Components		
	Appliances		
	Gaskets		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.47	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	78		
Shore A, 15 sec	68		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Break	10.3	MPa	
100% Strain	5.72	MPa	
Tensile Elongation ² (Break)	360	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ³	47.3	kN/m	ASTM D624
Compression Set (23°C, 22 hr)	25	%	ASTM D395
Clash-Berg Modulus			ASTM D1043
--	1010	MPa	
-22°C	310	MPa	
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-18.3	°C	ASTM D746
Extrusion	Nominal Value	Unit	
Melt Temperature	174 to 179	°C	
NOTE			
1.	510 mm/min		
2.	510 mm/min		

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Recommended distributors for this material

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