

Geon™ Vinyl Flexible XV3878G

Polyvinyl Chloride + NBR

PolyOne Corporation

Message:

Geon™ Vinyl Flexible XV3878G is a Polyvinyl Chloride + NBR (PVC+NBR) product. It can be processed by extrusion, injection molding, or profile extrusion and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Hose/Tubing.

General Information			
Uses	Hose		
	Profiles		
	Tubing		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
	Profile Extrusion		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.27	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	70		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Break	16.7	MPa	
100% Strain	6.21	MPa	
Tensile Elongation ² (Break)	400	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-42.8	°C	ASTM D746
Injection	Nominal Value	Unit	
Processing (Melt) Temp	188 to 199	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	174 to 179	°C	

NOTE	
1.	Type IV, 510 mm/min
2.	Type IV, 510 mm/min

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Recommended distributors for this material

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