

Geon™ Vinyl Flexible XV3881

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible XV3881 is a Flexible Polyvinyl Chloride product. It can be processed by extrusion or profile extrusion and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Hose/Tubing.

Characteristics include:

High Gloss

UV Stabilized

General Information			
Additive	UV Stabilizer		
Features	General Purpose		
	High Gloss		
	UV Absorbing		
Uses	General Purpose		
	Hose		
	Profiles		
	Tubing		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Extrusion		
	Profile Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	81		
Shore A, 15 sec	74		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Break	16.2	MPa	
100% Strain	8.27	MPa	
Tensile Elongation ² (Break)	350	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-37.8	°C	ASTM D746
Extrusion	Nominal Value	Unit	
Melt Temperature	182 to 191	°C	

NOTE

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| 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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