

Geon™ Vinyl Flexible 86479 Natural

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible 86479 Natural 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. Applications of Geon™ Vinyl Flexible 86479 Natural include construction applications, film and sheet.

Characteristics include:

High Gloss

UV Stabilized

General Information			
Additive	Biocide		
	UV Stabilizer		
Features	High Gloss		
	UV Absorbing		
Uses	Construction Applications		
	Film		
	Sheet		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	84		
Shore A, 15 sec	76		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Break	16.5	MPa	
100% Strain	7.58	MPa	
Tensile Elongation ² (Break)	390	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ³	61.3	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-40.0	°C	ASTM D746

Extrusion	Nominal Value	Unit
Melt Temperature	179 to 188	°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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