

Geon™ Vinyl Flexible P484

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible P484 is a Flexible Polyvinyl Chloride 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. Applications of Geon™ Vinyl Flexible P484 include hose/tubing and furniture. Primary characteristic: high gloss.

General Information	
Features	High Gloss
Uses	Furniture
	Hose
	Profiles
	Tubing
Appearance	Clear/Transparent
Forms	Pellets
Processing Method	Extrusion
	Injection Molding
	Profile Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.26	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	90		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹			ASTM D638
Break	20.7	MPa	
100% Strain	14.3	MPa	
Tensile Elongation ² (Break)	280	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ³	96.3	kN/m	ASTM D624
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-20.0	°C	ASTM D746
Injection	Nominal Value	Unit	
Processing (Melt) Temp	193 to 204	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	177 to 182	°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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