

Geon™ Vinyl Flexible P484B

Flexible Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Flexible P484B 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. Typical application: Furniture.

Characteristics include:

High Flow

High Gloss

General Information	
Features	High Flow High Gloss
Uses	Furniture
Appearance	Clear/Transparent
Forms	Pellets
Processing Method	Extrusion Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	85		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	21.2	MPa	ASTM D638
Tensile Elongation ² (Break)	380	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-20.0	°C	ASTM D746
Injection	Nominal Value	Unit	
Processing (Melt) Temp	188 to 199	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	179 to 182	°C	

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

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