

Geon™ Vinyl Rigid Extrusion 87564

Rigid Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Rigid Extrusion 87564 is a Rigid Polyvinyl Chloride product. It can be processed by extrusion and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.

General Information			
Features	UV Absorbing		
Uses	General Purpose		
	Profiles		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	2830	MPa	ASTM D638
Tensile Strength ² (Yield)	53.8	MPa	ASTM D638
Flexural Modulus	56.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256A
23°C, 3.18 mm, Injection Molded	910	J/m	
Across Flow : 23°C, 3.18 mm, Compression Molded	450	J/m	
Flow : 23°C, 3.18 mm, Compression Molded	110	J/m	
Drop Impact Resistance	90.3	J/cm	ASTM D4226
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	59.0	°C	ASTM D648
Extrusion	Nominal Value	Unit	
Melt Temperature	182 to 193	°C	
NOTE			
1.	Type I, 5.1 mm/min		
2.	Type I, 5.1 mm/min		

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