

Geon™ Vinyl Rigid Extrusion 87548 AS

Rigid Polyvinyl Chloride

PolyOne Corporation

Message:

A transparent PVC profile compound, with reduced surface resistivity, resulting in unlikely attraction and adhesion of dust.
Actual results on surface resistivity = 1.3x10¹⁵.

General Information			
Features	High Impact Resistance		
Uses	Profiles		
Agency Ratings	FDA Food Contact, Unspecified Rating		
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)	82		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	2790	MPa	ASTM D638
Tensile Strength ² (Yield)	53.4	MPa	ASTM D638
Flexural Modulus	2840	MPa	ASTM D790
Flexural Strength	88.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256A
23°C, 3.18 mm, Injection Molded	1100	J/m	
Across Flow : 23°C, 3.18 mm, Compression Molded	570	J/m	
Flow : 23°C, 3.18 mm, Compression Molded	140	J/m	
Drop Impact Resistance			ASTM D4226
23°C ³	52.0	J/cm	
23°C ⁴	173	J/cm	
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		
3.	Procedure A, C.125 Dart		
4.	Procedure B, C.125 Dart		

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