

Geon™ Vinyl Rigid Extrusion L0152

Rigid Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™Vinyl Rigid Extrusion L0152 is a rigid PVC product. It can be processed by extrusion molding of profiles and is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. The main characteristics are: impact resistance.

General Information			
Features	Impact resistance, high		
Uses	Profile		
Appearance	Clear/transparent		
Forms	Particle		
Processing Method	Profile extrusion molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.31	g/cm ³	ASTM D792
PVC Cell Classification	16343		ASTM D1784
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	83		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	2610	MPa	ASTM D638
Tensile Strength ² (Yield)	43.9	MPa	ASTM D638
Flexural Modulus	2810	MPa	ASTM D790
Flexural Strength	80.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256A
23°C, 3.18mm, injection molding	940	J/m	ASTM D256A
Transverse flow: 23°C, 3.18mm, molded	600	J/m	ASTM D256A
Flow: 23°C, 3.18mm, molded	780	J/m	ASTM D256A
Drop Impact Resistance			ASTM D4226
23°C ³	55.6	J/cm	ASTM D4226
23°C ⁴	199	J/cm	ASTM D4226
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.18 mm)	68.9	°C	ASTM D648
CLTE - Flow	7.2E-5	cm/cm/°C	ASTM D696
Additional Information			
注释:分档是采用注塑模制样品进行缺口摆锤冲击试验确定的.			
Extrusion	Nominal Value	Unit	
Melt Temperature	182 - 193	°C	
NOTE			
1.	Type 1, 5.1 mm/min		

2.	Type 1, 5.1 mm/min
3.	Procedure A, C.125 Throwing
4.	Procedure B, C.125 Throwing

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