

Geon™ Vinyl Rigid Extrusion 87624

Rigid Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Rigid Extrusion 87624 is a Rigid Polyvinyl Chloride product. It can be processed by coextrusion and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Applications of Geon™ Vinyl Rigid Extrusion 87624 include capstock and household applications.

General Information			
Uses	Capstock		
	Profiles		
	Vertical Blinds		
Forms	Pellets		
Processing Method	Coextrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.39	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	84		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	2760	MPa	ASTM D638
Tensile Strength ² (Yield)	48.3	MPa	ASTM D638
Flexural Modulus	3450	MPa	ASTM D790
Flexural Strength	89.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256A
Across Flow : 23°C, 3.18 mm, Compression Molded	32	J/m	
Flow : 23°C, 3.18 mm, Compression Molded	32	J/m	
Drop Impact Resistance			ASTM D4226
23°C ³	50.3	J/cm	
23°C ⁴	91.6	J/cm	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.18 mm)	65.0	°C	ASTM D648
CLTE - Flow	6.5E-5	cm/cm/°C	ASTM D696
Extrusion	Nominal Value	Unit	
Melt Temperature	182 to 199	°C	
NOTE			
1.	Type I, 5.1 mm/min		
2.	Type I, 5.1 mm/min		

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| 3. | Procedure A, C.125 Dart |
| 4. | Procedure B, C.125 Dart |

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