

Geon™ Vinyl Rigid Extrusion 87768

Rigid Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Rigid Extrusion 87768 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 87768 include capstock and household applications. Primary characteristic: high gloss.

General Information			
Features	High Gloss		
Uses	Capstock		
	Vertical Blinds		
Forms	Pellets		
Processing Method	Coextrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.34	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	81		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	2650	MPa	ASTM D638
Tensile Strength ² (Yield)	56.1	MPa	ASTM D638
Flexural Modulus	3330	MPa	ASTM D790
Flexural Strength	99.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm, Compression Molded)	370	J/m	ASTM D256A
Drop Impact Resistance ³ (23°C)	44.5	J/cm	ASTM D4226
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.18 mm)	57.8	°C	ASTM D648
CLTE - Flow	6.7E-5	cm/cm/°C	ASTM D696
Extrusion	Nominal Value	Unit	
Melt Temperature	179	°C	
NOTE			
1.	Type I, 5.1 mm/min		
2.	Type I, 5.1 mm/min		
3.	Procedure A, C.125 Dart		

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