

Geon™ Vinyl Rigid Extrusion 86110 white 1275

Rigid Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Rigid Extrusion 86110 white 1275 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 86110 white 1275 include capstock, construction applications and outdoor applications.

General Information			
Uses	Capstock		
	Fencing & Decking		
	Outdoor Applications		
Forms	Cube		
Processing Method	Coextrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.48	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 15 sec)	79		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	2790	MPa	ASTM D638
Tensile Strength ² (Yield)	40.4	MPa	ASTM D638
Flexural Modulus	2620	MPa	ASTM D790
Flexural Strength	71.7	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed, 3.18 mm	78.3	°C	
0.45 MPa, Annealed	80.4	°C	
1.8 MPa, Unannealed, 3.18 mm	73.4	°C	
1.8 MPa, Annealed	78.4	°C	
CLTE - Flow	6.5E-5	cm/cm/°C	ASTM D696
NOTE			
1.	Type I, 5.1 mm/min		
2.	Type I, 5.1 mm/min		

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