

Geon™ Vinyl Rigid Extrusion LR610 white 1046

Rigid Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Rigid Extrusion LR610 white 1046 is a Rigid Polyvinyl Chloride product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Construction Applications. Primary characteristic: eco-friendly/green.

General Information			
Recycled Content	Yes		
Features	General Purpose		
Uses	Building Materials		
	Profiles		
Forms	Cube		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.49	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D, 23°C)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	3330	MPa	ASTM D638
Tensile Strength ² (Yield)	39.4	MPa	ASTM D638
Flexural Modulus	2810	MPa	ASTM D790
Flexural Strength (Yield)	71.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Drop Impact Resistance			ASTM D4226
-- ³	38.7	J/cm	
-- ⁴	38.7	J/cm	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	78.4	°C	
1.8 MPa, Unannealed	74.3	°C	
CLTE - Flow	6.1E-5	cm/cm/°C	ASTM D696
NOTE			
1.	Type I, 5.1 mm/min		
2.	Type I, 5.1 mm/min		
3.	Procedure A		
4.	Procedure B		

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