

Geon™ Vinyl Rigid Extrusion LR840

Rigid Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Rigid Extrusion LR840 is a Rigid Polyvinyl Chloride product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Automotive. Primary characteristic: eco-friendly/green.

General Information			
Recycled Content	Yes		
Features	General Purpose		
Uses	Automotive Interior Parts		
	General Purpose		
Forms	Pellets		
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, 23°C)	> 80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	2340	MPa	ASTM D638
Tensile Strength ² (Yield)	39.3	MPa	ASTM D638
Tensile Elongation ³ (Break)	160	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256A
-18°C, 3.18 mm, Injection Molded	160	J/m	
0°C, 3.18 mm, Injection Molded	750	J/m	
23°C, 3.18 mm, Injection Molded	910	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed, 3.18 mm)	68.3	°C	ASTM D648
NOTE			
1.	Type I, 5.1 mm/min		
2.	Type I, 51 mm/min		
3.	Type I, 51 mm/min		

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