

Geon™ Vinyl Packaging 2799

Rigid Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Packaging 2799 is a Rigid Polyvinyl Chloride product. It can be processed by blow molding and is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Applications of Geon™ Vinyl Packaging 2799 include bottles and packaging.

Characteristics include:

Chemical Resistant

High Gloss

Impact Resistant

General Information			
Features	General Purpose		
	Good Chemical Resistance		
	High Gloss		
	High Impact Resistance		
Uses	Bottles		
	General Purpose		
	Packaging		
Appearance	Clear/Transparent		
Forms	Pellets		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	2450	MPa	ASTM D638
Tensile Strength ² (Yield)	45.4	MPa	ASTM D638
Optical	Nominal Value	Unit	Test Method
Transmittance (508 μm, 700 nm)	90.0	%	Internal Method
Additional Information	Nominal Value	Unit	
Blow Molding Temperature	204 to 221	°C	
NOTE			
1.	Type I, 5.1 mm/min		
2.	Type I, 51 mm/min		

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