

Geon™ Vinyl Packaging 2710

Rigid Polyvinyl Chloride

PolyOne Corporation

Message:

This product is available in opaque and transparent colors.

General Information			
Additive	UV Stabilizer		
Features	Food Contact Acceptable		
	High Flow		
	High Gloss		
	Medium Impact Resistance		
Agency Ratings	FDA Food Contact, Unspecified Rating		
Forms	Pellets		
Processing Method	Injection Blow Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	1.32	g/cm ³	ASTM D792
--	0.833	g/cm ³	ASTM D1505
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	2530	MPa	ASTM D638
Tensile Strength ² (Yield)	48.5	MPa	ASTM D638
Flexural Modulus	2800	MPa	ASTM D790
Flexural Strength	82.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm, Injection Molded)	120	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.18 mm)	19.4	°C	ASTM D648
Optical	Nominal Value	Unit	Test Method
Transmittance (762 µm, 700 nm)	39.5	%	Internal Method
NOTE			
1.	Type I, 5.1 mm/min		
2.	Type I, 5.1 mm/min		

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