

Geon™ Vinyl Packaging VB951

Rigid Polyvinyl Chloride

PolyOne Corporation

Message:

Geon™ Vinyl Packaging VB951 is a Rigid Polyvinyl Chloride product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Applications of Geon™ Vinyl Packaging VB951 include bottles, food contact applications and packaging.

Characteristics include:

Food Contact Acceptable

High Gloss

Impact Resistant

Low to No Odor/Taste

General Information			
Features	Food Contact Acceptable		
	High Gloss		
	High Impact Resistance		
	Low to No Odor		
Uses	Bottles		
	Packaging		
Agency Ratings	FDA Food Contact, Unspecified Rating		
Appearance	Amber		
	Clear/Transparent		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity			
--	1.32	g/cm ³	ASTM D792
--	0.801	g/cm ³	ASTM D1505
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	83		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	2690	MPa	ASTM D638
Tensile Strength ² (Yield)	42.1	MPa	ASTM D638
Flexural Modulus	2650	MPa	ASTM D790
Flexural Strength	80.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm, Injection Molded)	1000	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.18 mm)	65.0	°C	ASTM D648

Additional Information	Nominal Value	Unit
Blow Molding Temperature	199 to 213	°C
NOTE		
1.	Type I, 5.1 mm/min	
2.	Type I, 5.1 mm/min	

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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