

Axiall PVC 9017

Rigid Polyvinyl Chloride

Axiall Corporation

Message:

Georgia Gulf 9017 is for food packaging applications requiring optimum taste and odor properties such as water and mouthwash.

General Information			
Features	Lower odor transfer		
	Lower taste transfer		
Uses	Food packaging		
Agency Ratings	NSF Not Rated		
Appearance	Available colors		
	Clear/transparent		
Forms	Particle		
Processing Method	Blow molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2550	MPa	ASTM D638
Tensile Strength (Yield)	44.8	MPa	ASTM D638
Flexural Strength	81.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
3.18 mm	750	J/m	ASTM D256
6.35 mm	130	J/m	ASTM D256
Tensile Impact Strength	149	kJ/m ²	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	60.0	°C	ASTM D648
Optical	Nominal Value	Unit	Test Method
Transmittance (3180 μm)	77.0	%	ASTM D1003
Haze (3180 μm)	6.0	%	ASTM D1003
Additional Information			

Equilibrium Torque, Brabender Plastograph, No. 6 Roller Head, 190°C Bath, 57g Charge, 60/43 rpm: 1300 m-gStability Time, Brabender Plastograph, No. 6 Roller Head, 190°C Bath, 57g Charge, 60/43 rpm: 23 min

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