

Axial PVC 9210

Rigid Polyvinyl Chloride

Axial Corporation

Message:

Georgia Gulf 9210 is a low taste/odor compound suitable for packaging all types of food products. It has excellent processing and cost performance characteristics.

General Information			
Features	Food Contact Acceptable		
	Good Processability		
	Low Odor Transfer		
	Low Taste Transfer		
Uses	Food Packaging		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3100	MPa	ASTM D638
Tensile Strength (Yield)	46.2	MPa	ASTM D638
Flexural Modulus	2490	MPa	ASTM D790
Flexural Strength	84.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
3.18 mm	530	J/m	
6.35 mm	53	J/m	
Tensile Impact Strength	145	kJ/m ²	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	63.0	°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	Nominal Value	Unit	
Bottle Mean Failure Height ¹	426.72	cm	
Equilibrium Torque ² (190°C)	14.2	J	
Stability Time	25.0	min	
NOTE			

1.	30 g, 16 oz cylinder, vertical free fall
2.	Brabender Plastograph, No. 6 Roller head, 57g charge, 60/43 rpm.

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