

Axiall PVC FG-9209

Rigid Polyvinyl Chloride

Axiall Corporation

Message:

FG-9209 is a rigid blow molding, food-grade PVC compound with excellent optical and processing characteristics. FG-9209 is suitable for use in a variety of food, cosmetic and general purpose packaging applications.

General Information			
Features	Rigidity, high		
	Workability, good		
	Compliance of Food Exposure		
	General		
Uses	Packaging		
	Non-specific food applications		
	Optical applications		
	Cosmetics		
	General		
Processing Method	Blow molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30 - 1.34	g/cm ³	ASTM D792
PVC Cell Classification	16343		ASTM D1784
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2690	MPa	ASTM D638
Tensile Strength	43.4	MPa	ASTM D638
Flexural Strength	79.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	960	J/m	ASTM D256
Tensile Impact Strength	185	kJ/m ²	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	62.0	°C	ASTM D648

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