

Westlake PVC 9209

Westlake Chemical Corporation - Rigid Polyvinyl Chloride

Sunday, September 15, 2019

General Information

Product Description

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

Material Status	• Commercial: Active		
Availability	• North America		
Features	• Good Optical Properties	• Good Processability	• High Rigidity
Uses	• Cosmetic Packaging	• Food Packaging	• Packaging
Processing Method	• Blow Molding		

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.30 to 1.34	g/cm ³	ASTM D792
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			ASTM D256
23°C, 3.18 mm	960	J/m	
23°C, 6.35 mm	140	J/m	
Tensile Impact Strength	185	kJ/m ²	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
1.8 MPa, Unannealed	62.0	°C	
Optical	Nominal Value	Unit	Test Method
Transmittance (3180 μm)	80.0	%	ASTM D1003
Haze (3180 μm)	5.00	%	ASTM D1003

Notes

¹ Typical properties: these are not to be construed as specifications.