

Westlake PVC 9211

Westlake Chemical Corporation - Rigid Polyvinyl Chloride

Friday, September 20, 2019

General Information

Product Description

AXIALL's Georgia Gulf 9211 is a food grade vinyl compound designed to maximize clarity. It is suitable for use in a variety of food, cosmetic and personal care products.

General

Material Status	• Commercial: Active
Availability	• North America
Features	• High Clarity
Appearance	• Clear/Transparent

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.32	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2650	MPa	ASTM D638
Tensile Strength (Yield)	46.9	MPa	ASTM D638
Flexural Strength	75.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
23°C, 3.18 mm	800	J/m	
23°C, 6.35 mm	130	J/m	
Tensile Impact Strength	168	kJ/m ²	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed)	60.0	°C	ASTM D648
Optical	Nominal Value	Unit	Test Method
Transmittance (3180 μm)	84.0	%	ASTM D1003
Haze (3180 μm)	4.00	%	ASTM D1003
Additional Information	Nominal Value	Unit	
Equilibrium Torque ² (190°C)	13.7	J	
Stability Time	36.0	min	

Notes

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

² Brabender Plastograph, No 6, Roller Head, 57g charge, 60/43 rpm