

# Westlake PVC 9211J

Westlake Chemical Corporation - Polyvinyl Chloride

Friday, September 20, 2019

## General Information

### Product Description

AXIALL's Georgia Gulf 9211J 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	• Food Contact Acceptable • High Clarity
Uses	• Cosmetics • Non-specific Food Applications • Personal Care
Appearance	• Clear/Transparent

## ASTM & ISO Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.32	g/cm <sup>3</sup>	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 <sup>2</sup>	130	J/m	
23°C <sup>3</sup>	800	J/m	
Tensile Impact Strength	168	kJ/m <sup>2</sup>	ASTM D1822
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	113		ASTM D785
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
1.8 MPa, Unannealed	60.0	°C	
Optical	Nominal Value	Unit	Test Method
Transmittance <sup>4</sup> (3180 μm)	84.0	%	ASTM D1003
Haze <sup>4</sup> (3180 μm)	4.00	%	ASTM D1003
Additional Information	Nominal Value	Unit	Test Method
Equilibrium Torque <sup>5</sup> (190°C)	13.7	J	Internal Method
Stability Time	36.0	min	Internal Method

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> 3.2 mm Notch Depth

<sup>3</sup> 6.4 mm Notch Depth

<sup>4</sup> Pressed plastic

<sup>5</sup> Barbender Plastograph No. 6 Roller Head 190°C- 57 gm: 60/43rpm

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