Axiall PVC 9211J

Polyvinyl Chloride

Axiall Corporation

Message:

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 Information			
Features	Food Contact Acceptable High Clarity		
Uses	Cosmetics Non-specific Food Applications Personal Care		
Appearance	Clear/Transparent		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.32	g/cm³	ASTM D792
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale)	113		ASTM D785
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 [1]	130	J/m	
23°C [2]	800	J/m	
Tensile Impact Strength	168	kJ/m²	ASTM D1822
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (1.8 MPa, Unannealed)	60.0	°C	ASTM D648
Optical	**Nominal Value**	**Unit**	**Test Method**
Transmittance [3] (3180 µm)	84.0	%	ASTM D1003
Haze [4] (3180 µm)	4.0	%	ASTM D1003
Additional Information	**Nominal Value**	**Unit**	**Test Method**
Equilibrium Torque [5] (190°C)	13.7	J	Internal Method
Stability Time	36.0	min	Internal Method
NOTE			
1.	3.2 mm Notch Depth		
2.	6.4 mm Notch Depth		

3.	Pressed plastic
4.	Pressed plastic
5.	Barbender Plastograph No. 6 Roller Head 190°C- 57 gm: 60/43rpm

Recommended distributors for this material

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WECHAT