

Westlake PVC 9113J Clear 13

Westlake Chemical Corporation - Rigid Polyvinyl Chloride

Friday, September 20, 2019

General Information

Product Description

AXIALL's Georgia Gulf 9113J Clear 13 is used for a variety of packaging applications including charcoal lighter fluid, toiletries and household chemicals. It has excellent impact strength and contains an ultraviolet light stabilizer which protects light sensitive products.

General

Material Status	• Commercial: Active
Availability	• North America
Additive	• UV Stabilizer
Features	• High Impact Resistance
Uses	• Packaging
Appearance	• Clear/Transparent
Forms	• Pellets
Processing Method	• Blow Molding

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.31	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2520	MPa	ASTM D638
Tensile Strength (Yield)	41.4	MPa	ASTM D638
Flexural Strength	75.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
3.18 mm	1200	J/m	
6.35 mm	530	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	64.0	°C	
Optical	Nominal Value	Unit	Test Method
Transmittance (3180 μm)	77.0	%	ASTM D1003
Haze (3180 μm)	6.00	%	ASTM D1003

Additional Information

Equilibrium Torque, Brabender Plastograph, No. 6 Roller Head, 190°C Bath, 57 g Charge; 60/43 rpm: 1400 m-g
Stability Time, Brabender Plastograph, No. 6 Roller Head, 190°C Bath, 57 g Charge; 60/43 rpm: 30 min

Notes

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