

# Westlake PVC 9153

Westlake Chemical Corporation - Rigid Polyvinyl Chloride

Friday, September 20, 2019

## General Information

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Material Status	• Commercial: Active
Availability	• North America
Features	• Chemical Resistant • Good Impact Resistance • Good Processability
Uses	• Bottles
Appearance	• Clear/Transparent
Forms	• Pellets
Processing Method	• Blow Molding

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.31	g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2590	MPa	ASTM D638
Tensile Strength (Yield)	42.7	MPa	ASTM D638
Flexural Strength (Yield)	76.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
3.18 mm	1100	J/m	
6.35 mm	530	J/m	
Tensile Impact Strength	168	kJ/m <sup>2</sup>	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
1.8 MPa, Unannealed	65.0	°C	
Optical	Nominal Value	Unit	Test Method
Transmittance	78.0	%	ASTM D1003
Haze	6.00	%	ASTM D1003

### Additional Information

Brabender Equilibrium Torque, Brabender Plastograph, No.6 Roller Head, 190°C Bath, 57g charge, 60/43 rpm: 1450 m\*g  
Brabender Stability Time: 30 min.

### Notes

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