

Westlake PVC 9175 Blue 90

Westlake Chemical Corporation - Rigid Polyvinyl Chloride

Friday, September 20, 2019

General Information

Product Description

AXIALL's Georgia Gulf 9175 Blue 90 is used for injection blow molding packages in toiletry applications such as hair dyes. It is a pre-colored translucent blue.

General

Material Status	• Commercial: Active
Availability	• North America
Uses	• Packaging
Appearance	• Blue • Translucent
Processing Method	• Injection Blow Molding

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	2900	MPa	ASTM D638
Tensile Strength (Yield)	49.6	MPa	ASTM D638
Flexural Strength	89.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	27	J/m	ASTM D256
Tensile Impact Strength	116	kJ/m ²	ASTM D1822
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 1.8 MPa, Unannealed	55.0	°C	ASTM D648
Additional Information	Nominal Value	Unit	
Equilibrium Torque ² (190°C)	8.83	J	
Stability Time	1.0	hr	

Notes

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

² Brabender Plastograph No. 6 Roller Head, 57 g Charge; 60/43 rpm