

Westlake PVC 9175

Westlake Chemical Corporation - Flexible Polyvinyl Chloride

Friday, September 20, 2019

General Information

Product Description

9175 is a rigid injection blow molding PVC compound that has excellent optical and processing characteristics designed for personal care products.

General

Material Status	• Commercial: Active
Availability	• North America
Features	• Good Optical Properties • Good Processability • High Rigidity
Uses	• Personal Care
Processing Method	• Injection Blow Molding

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.30 to 1.34	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2830	MPa	ASTM D638
Tensile Strength	48.3	MPa	ASTM D638
Flexural Strength	89.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	27	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load 1.8 MPa, Unannealed	55.0	°C	ASTM D648

Notes

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