

Westlake PVC 1702 Clear 7070

Westlake Chemical Corporation - Flexible Polyvinyl Chloride

Friday, September 20, 2019

General Information

Product Description

Flexible polyvinyl chloride compound formulated for food and beverage tubing applications per CFR21 and NSF51 requirements. The compound possesses exceptional clarity.

General

Material Status	• Commercial: Active		
Availability	• North America		
Features	• Acid Resistant	• Food Contact Acceptable	• Low (to None) Lead Content
	• Flame Retardant	• High Clarity	• UV Resistant
Uses	• Non-specific Food Applications	• Tubing	
Agency Ratings	• FDA Unspecified Rating	• NSF STD-51	

ASTM & ISO Properties¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.18 to 1.22	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant	5.52	MPa	ASTM D638
Tensile Strength	12.4	MPa	ASTM D638
Tensile Elongation (Break)	300	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	67 to 73		ASTM D2240
Additional Information	Nominal Value	Unit	
Stock Temperature	174	°C	

Notes

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