

Manner Flexible PVC X4790

Manner Polymers - Flexible Polyvinyl Chloride

General Information

Product Description

FDA (food grade) tubing, profile extrusion and injection molding.

General

Material Status	• Commercial: Active
Availability	• North America
Features	• Food Contact Acceptable
Uses	• Profiles • Tubing
Agency Ratings	• FDA Food Contact
Processing Method	• Extrusion • Injection Molding • Profile Extrusion

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.22 to 1.26		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
0.0600 in	3000	psi	
100% Strain, 0.0600 in	1850	psi	
Tensile Elongation (Break, 0.0600 in)	350	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	90		
Shore A, 15 sec	84		
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-13.0	°F	ASTM D746

Notes

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

