

Manner Flexible PVC X4095

Manner Polymers - Flexible Polyvinyl Chloride

General Information

Product Description

Lead-free general purpose tubing, profile extrusion and injection molding compound. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General

Material Status	• Commercial: Active	
Availability	• North America	
Features	• General Purpose	• Low (to None) Lead Content
Uses	• Profiles	• Tubing
RoHS Compliance	• RoHS Compliant	
Processing Method	• Extrusion	• Injection Molding • Profile Extrusion

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.43 to 1.47		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
0.0300 in	2910	psi	
100% Strain, 0.0300 in	1610	psi	
Tensile Elongation (Break, 0.0300 in)	320	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore C)	77		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	14.0	°F	ASTM D746

Notes

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

