

Manner Flexible PVC X4183

Manner Polymers - Flexible Polyvinyl Chloride

General Information

Product Description

Lead-free economy grade tubing and profile extrusion compound where a smooth matte surface is desired. This product is not recommended for injection molding. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General

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

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.44 to 1.48		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
0.0300 in	1700	psi	
100% Strain, 0.0300 in	915	psi	
Tensile Elongation (Break, 0.0300 in)	300	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	83		
Shore A, 15 sec	77		
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-19.3	°F	ASTM D746

Notes

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

