

Manner Flexible PVC X4297

Manner Polymers - Flexible Polyvinyl Chloride

General Information

Product Description

Lead-free premium grade tubing, profile extrusion and injection molding compound where high gloss, superior surface and higher physical properties are desired. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General

Material Status	• Commercial: Active		
Availability	• North America		
Features	• Good Surface Finish	• High Gloss	• 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	1.34 to 1.38		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
0.0300 in	3500	psi	
100% Strain, 0.0300 in	2110	psi	
Tensile Elongation (Break, 0.0300 in)	300	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore C)	81		ASTM D2240
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-2.20	°F	ASTM D746

Notes

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

