

Manner Flexible PVC X4085

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	1.38 to 1.42		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
0.0600 in	2300	psi	
100% Strain, 0.0600 in	1020	psi	
Tensile Elongation (Break, 0.0600 in)	330	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	85		
Shore A, 15 sec	79		
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.

