

Manner Flexible PVC X4590U

Manner Polymers - Flexible Polyvinyl Chloride

General Information

Product Description

Lead-free transparent tubing and profile extrusion compound This compound is also suitable to certain injection molding applications. 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
Appearance	• Clear/Transparent
Processing Method	• Extrusion • Injection Molding • Profile Extrusion

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.20 to 1.24		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
0.0600 in	2950	psi	
100% Strain, 0.0600 in	1700	psi	
Tensile Elongation (Break, 0.0600 in)	370	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	90		
Shore A, 15 sec	85		
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-11.2	°F	ASTM D746

Notes

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

