

Manner Flexible PVC X3607

Manner Polymers - Flexible Polyvinyl Chloride

General Information

Product Description

Recommended Applications: Lead-free tubing and profile extrusion compound with improved low temperature performance. 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 • Low Temperature Resistant
Uses	• Profiles • Tubing
RoHS Compliance	• RoHS Compliant
Processing Method	• Extrusion • Profile Extrusion

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.27 to 1.31		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain, 0.0300 in)	814	psi	ASTM D638
Tensile Strength (Yield, 0.0300 in)	2440	psi	ASTM D638
Tensile Elongation (Break, 0.0300 in)	410	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	73 to 79		
Shore A, 15 sec	68 to 74		
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-43.6	°F	ASTM D746

Notes

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

