

Manner Flexible PVC P8190

Manner Polymers - Flexible Polyvinyl Chloride

General Information

Product Description

General purpose tubing, profile extrusion and injection molding. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General

Material Status	• Commercial: Active
Availability	• North America
Features	• General Purpose
Uses	• Profiles
RoHS Compliance	• RoHS Compliant
Processing Method	• Injection Molding • Profile Extrusion

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.30 to 1.34		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
0.0600 in	2900	psi	
100% Strain, 0.0600 in	1500	psi	
Tensile Elongation (Break, 0.0600 in)	300	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	90		ASTM D2240

Processing Information

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	315 to 335	°F
Cylinder Zone 3 Temp.	315 to 335	°F
Cylinder Zone 5 Temp.	325 to 340	°F
Die Temperature	325 to 350	°F

Notes

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

