

Manner Flexible PVC X4565

Manner Polymers - Flexible Polyvinyl Chloride

General Information

Product Description

Recommended Applications: 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	• Good Flexibility • High Clarity
Uses	• Profiles • Tubing
Appearance	• Clear/Transparent
Forms	• Pellets
Processing Method	• Extrusion • Profile Extrusion

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.12 to 1.16		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain, 0.0300 in)	750	psi	ASTM D638
Tensile Strength (Yield, 0.0300 in)	1650	psi	ASTM D638
Tensile Elongation (Break, 0.0300 in)	430	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	62 to 68		
Shore A, 15 sec	55 to 61		
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-61.6	°F	ASTM D746

Notes

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

