

Manner Flexible PVC X4275

Manner Polymers - Flexible Polyvinyl Chloride

General Information

Product Description

Recommended Applications: Lead-free premium grade tubing, profile extrusion and injection molding compound where high gloss, superior surface and higher physical properties are desired. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General

Material Status	• Commercial: Active		
Availability	• North America		
Features	• Good Surface Finish	• High Gloss	• 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	1.24 to 1.28		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain, 0.0300 in)	621	psi	ASTM D638
Tensile Strength (Yield, 0.0300 in)	2140	psi	ASTM D638
Tensile Elongation (Break, 0.0300 in)	410	%	ASTM D638
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	72 to 78		
Shore A, 15 sec	66 to 72		

Notes

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

