

Manner Flexible PVC X4787

Manner Polymers - Flexible Polyvinyl Chloride

General Information

Product Description

FDA (food grade) transparent compound suitable for tubing, profile extrusion and certain injection molding applications. All ingredients in this compound are approved for food contact by the FDA. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General

Material Status	• Commercial: Active
Availability	• North America
Features	• Food Contact Acceptable
Uses	• Profiles • Tubing
Agency Ratings	• FDA Food Contact
RoHS Compliance	• RoHS Compliant
Appearance	• Clear/Transparent
Processing Method	• Extrusion • Injection Molding • Profile Extrusion

Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density / Specific Gravity	1.21 to 1.25		ASTM D792
Mechanical			
Tensile Strength			ASTM D638
0.0300 in	3180	psi	
100% Strain, 0.0300 in	1480	psi	
Tensile Elongation (Break, 0.0300 in)	390	%	ASTM D638
Hardness			
Durometer Hardness			ASTM D2240
Shore A	87		
Shore A, 15 sec	81		
Thermal			
Brittleness Temperature	-13.0	°F	ASTM D746
Aging			
Change in Tensile Strength in Air (230°F, 168 hr)	6.0	%	ASTM D573
Change in Ultimate Elongation in Air (230°F, 168 hr)	3.0	%	ASTM D573

Notes

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

