

Manner Flexible PVC X4780

Flexible Polyvinyl Chloride

Manner Plastics, L.P.

Message:

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 Information	
Features	Food Contact Acceptable
Uses	Profiles
	Tubing
Agency Ratings	FDA Food Contact, Unspecified Rating
RoHS Compliance	RoHS Compliant
Appearance	Clear/Transparent
Processing Method	Extrusion
	Injection Molding
	Profile Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.19 to 1.23	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shore A	80		
Shore A, 15 sec	74		
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
1.52 mm	17.5	MPa	
100% Strain, 1.52 mm	7.10	MPa	
Tensile Elongation (Break, 1.52 mm)	410	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (110°C, 168 hr)	1.0	%	ASTM D573
Change in Ultimate Elongation in Air (110°C, 168 hr)	5.0	%	ASTM D573
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-34.0	°C	ASTM D746

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