

Manner Flexible PVC P1187

Flexible Polyvinyl Chloride

Manner Plastics, L.P.

Message:

105°C General Purpose Extrusion Profile Compound. Designed for applications requiring UL224 105C VW1 rating, CSA105C VW1 and ASTM D922 Grade C. This product complies with the European Union Restriction on Hazardous Substances (RoHS) directive.

General Information			
Features	General Purpose		
Uses	Profiles		
Agency Ratings	ASTM D 922, Grade C CSA Unspecified Rating UL 224 UL VW-1		
RoHS Compliance	RoHS Compliant		
Processing Method	Profile Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.32 to 1.36	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	87		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	19.3	MPa	ASTM D638
Tensile Elongation (Break)	380	%	ASTM D638
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength (70°C, 4 hr, in Oil)	-3.0	%	ASTM D471
Change in Ultimate Elongation (70°C, 4 hr, in Oil)	-7.0	%	ASTM D471
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-23.0	°C	ASTM D746

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