

Hoffman PVC 117-110

Rigid Polyvinyl Chloride
Hoffman Plastic Compounds Inc.

Message:

Hoffman PVC 117-110 is a rigid polyvinyl chloride material. This product is available in North America.
The main features of Hoffman PVC 117-110 are:
flame retardant/rated flame
Hard
The typical application fields of Hoffman PVC 117-110 are: water pipes/pipes/drinking water

General Information			
Features	Rigidity, high		
Uses	Piping system		
Agency Ratings	NSF Not Rated		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40	g/cm³	ASTM D792
Molding Shrinkage - Flow	0.30 - 0.50	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	81		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2900	MPa	ASTM D638
Tensile Strength	50.3	MPa	ASTM D638
Flexural Modulus	3030	MPa	ASTM D790
Flexural Strength	90.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	35	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed)	74.4	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	V-0		UL 94
Extrusion	Nominal Value	Unit	
Melt Temperature	149 - 166	°C	
Extrusion instructions			

The processing temperature given is for a standard nozzle tip and screw. The temperature range for a smear nozzle tip and PVC screw is 330 - 360°F.

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Recommended distributors for this material

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