

# Hoffman PVC V7-47

Rigid Polyvinyl Chloride  
Hoffman Plastic Compounds Inc.

Message:

Hoffman PVC V7-47 is a rigid polyvinyl chloride material. This product is available in North America and is processed by injection molding. The main characteristics of Hoffman PVC V7-47 are:  
flame retardant/rated flame  
high liquidity  
Hard

General Information			
Features	Rigidity, high		
	High liquidity		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.39	g/cm³	ASTM D792
Molding Shrinkage - Flow	0.30 - 0.50	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	80		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2830	MPa	ASTM D638
Tensile Strength	49.0	MPa	ASTM D638
Flexural Modulus	2900	MPa	ASTM D790
Flexural Strength	68.9	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	80	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed)	71.1	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	V-0		UL 94
Injection	Nominal Value	Unit	
Processing (Melt) Temp	149 - 166	°C	
Injection 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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