

Vikalloy P84

Acrylic (PMMA) + PVC

Viking Polymers, LLC

Message:

Vikalloy P84 is an acrylic acid (PMMA) PVC (PMMA PVC) material. This product is available in North America, Europe or Asia Pacific region. The processing method is: profile extrusion molding.

The main features of Vikalloy P84 are:

- chemical resistance
- Impact resistance
- Transparency

General Information			
Features	Solvent resistance		
	Good chemical resistance		
	Definition, high		
	Medium impact resistance		
Uses	Profile		
Appearance	Clear/transparent		
Forms	Particle		
Processing Method	Profile extrusion molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.10 - 0.50	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	52.4	MPa	ASTM D638
Flexural Modulus	1410	MPa	ASTM D790
Flexural Strength	75.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	80	J/m	ASTM D256
Additional Information			
Light Transmittance, 0.0335" @ 400 nm: 81.0%Light Transmittance, 0.0335" @ 700 nm: 86.0%			
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	166 - 171	°C	
Cylinder Zone 2 Temp.	166 - 171	°C	
Cylinder Zone 3 Temp.	166 - 171	°C	
Cylinder Zone 4 Temp.	166 - 171	°C	
Cylinder Zone 5 Temp.	166 - 171	°C	
Adapter Temperature	171 - 177	°C	
Melt Temperature	196 - 207	°C	
Die Temperature	171 - 177	°C	
Extrusion instructions			

Screw RPM's of 23 - 33 are typical.

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Recommended distributors for this material

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