

Vikalloy P90

Acrylic (PMMA) + PVC

Viking Polymers, LLC

Message:

Vikalloy P90 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 the Vikalloy P90 are:

Flame Retardant
chemical resistance

General Information			
Features	Cleanable		
	Good chemical resistance		
	Flame retardancy		
Uses	Profile		
Appearance	Available colors		
Forms	Particle		
Processing Method	Profile extrusion molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.47	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	51.8	MPa	ASTM D638
Tensile Elongation (Break)	200	%	ASTM D638
Flexural Modulus	2990	MPa	ASTM D790
Flexural Strength	76.5	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	64	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed)	74.4	°C	ASTM D648
Additional Information			
Specific Gravity, ASTM D792: 1.46 - 1.49			
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	160 - 182	°C	
Cylinder Zone 2 Temp.	160 - 182	°C	
Cylinder Zone 3 Temp.	160 - 182	°C	
Cylinder Zone 4 Temp.	160 - 182	°C	
Cylinder Zone 5 Temp.	160 - 182	°C	
Adapter Temperature	171 - 177	°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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