

Vikalloy P54

Acrylic (PMMA) + PVC

Viking Polymers, LLC

Message:

Vikalloy P54 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 P54 are:

chemical resistance

Flame Retardant

Impact resistance

good weather resistance

General Information			
Features	Solvent resistance		
	Impact resistance, good		
	Good chemical resistance		
	Good weather resistance		
	Flame retardancy		
Uses	Profile		
Appearance	Available colors		
Forms	Powder		
	Particle		
Processing Method	Profile extrusion molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.34	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2190	MPa	ASTM D638
Tensile Strength	47.6	MPa	ASTM D638
Flexural Modulus	2410	MPa	ASTM D790
Flexural Strength	64.1	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	960	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	71.1	°C	ASTM D648
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
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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