

Vikalloy P26

Acrylic (PMMA) + PVC

Viking Polymers, LLC

Message:

Vikalloy P26 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 P26 are:

flame retardant/rated flame

Flame Retardant

Good processability

Hard

Impact resistance

Typical application areas include:

industrial applications

business/office supplies

medical/health care

General Information			
Features	Rigidity, high		
	Impact resistance, good		
	Workability, good		
	Good chemical resistance		
	Flame retardancy		
Uses	Industrial application		
	Business equipment		
	Profile		
	Medical/nursing supplies		
Appearance	Available colors		
Forms	Particle		
Processing Method	Profile extrusion molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.35	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	42.1	MPa	ASTM D638
Tensile Elongation (Break)	110	%	ASTM D638
Flexural Modulus	2480	MPa	ASTM D790
Flexural Strength	66.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	800	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed)	75.6	°C	ASTM D648

Flammability	Nominal Value	Test Method
Flame Rating		UL 94
0.711 mm	V-0	UL 94
3.18 mm	5V	UL 94
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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