

Vikalloy P88

Acrylic (PMMA) + PVC

Viking Polymers, LLC

Message:

Vikalloy P88 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 P88 are:

chemical resistance

Flame Retardant

The typical application field of Vikalloy P88 is: automotive industry

General Information			
Features	Solvent resistance		
	Cleanable		
	Good chemical resistance		
	Flame retardancy		
Uses	Car interior parts		
	Profile		
Appearance	Available colors		
Forms	Particle		
Processing Method	Profile extrusion molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.38	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	98		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	41.4	MPa	ASTM D638
Tensile Elongation (Break)	55	%	ASTM D638
Flexural Modulus	2410	MPa	ASTM D790
Flexural Strength	63.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	190	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Annealed)	77.8	°C	ASTM D648
Additional Information			
Radiant Panel, ASTM E162: 3.99Smoke Generation, Ds @ 4.0 min, >=0.028": 76Motor Vehicle Safety Standard, MVSS 302: Pass			
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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