

Polimid A SG V0M

Polyamide 66
Poliblend S.p.a.

Message:

Polimid A SG V0M is a Polyamide 66 (Nylon 66) material. It is available in Africa & Middle East, Asia Pacific, Europe, or Latin America.
Important attributes of Polimid A SG V0M are:
Flame Rated
Flame Retardant
Halogen Free

General Information			
UL YellowCard	E249139-101450491		
Additive	Flame Retardant		
Features	Halogen Free		
	Low (to None) Phosphorus Content		
	Self Extinguishing		
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Density	1.18	g/cm ³	ISO 1183
Molding Shrinkage	1.1 to 1.5	%	
Water Absorption (23°C, 24 hr)	1.1	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	3450	MPa	ISO 527-2
Tensile Stress (Yield)	75.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	3.5	%	
Break	30	%	
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength	4.0	kJ/m ²	ISO 180/A
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	220	°C	ISO 75-2/B
1.8 MPa, Unannealed	88.0	°C	ISO 75-2/A
Continuous Use Temperature ¹	85.0	°C	
Vicat Softening Temperature	250	°C	ISO 306/A120
Ball Pressure Test (165°C)	Pass		IEC 60695-10-2
Melting Temperature	260	°C	DSC
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index	> 600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method

Flame Rating			UL 94
0.800 mm	V-0		
1.60 mm	V-0		
3.20 mm	V-0		
Glow Wire Flammability Index (2.00 mm)	960	°C	IEC 60695-2-12
Injection	Nominal Value	Unit	
Drying Temperature	90.0 to 100	°C	
Drying Time	> 3.0	hr	
Processing (Melt) Temp	270 to 290	°C	
Mold Temperature	80.0 to 90.0	°C	
NOTE			
1.	Without Load		

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Recommended distributors for this material

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