Polimid A 35 GF V0F K

Polyamide 66

Poliblend S.p.a.

Message:

Polimid A 35 GF V0F K is a Polyamide 66 (Nylon 66) material filled with 35% glass fiber. It is available in Africa & Middle East, Asia Pacific, Europe, or Latin America.
Important attributes of Polimid A 35 GF V0F K are:
Flame Rated
Flame Retardant

General Information			
UL YellowCard	E249139-100685081		
Filler / Reinforcement	Glass Fiber,35% Filler by Weight		
Additive	Flame Retardant		
Features	Good Electrical Properties Self Extinguishing		
Appearance	Natural Color		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.44	g/cm³	ISO 1183
Molding Shrinkage	0.30 to 0.60	%	
Water Absorption (23°C, 24 hr)	0.50	%	ISO 62
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	9500	MPa	ISO 527-2
Tensile Stress			ISO 527-2
Yield	150	MPa	
Break	150	MPa	
Tensile Strain			ISO 527-2
Yield	2.0	%	
Break	2.0	%	
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact Strength	11	kJ/m²	ISO 180/A
Unnotched Izod Impact Strength	95	kJ/m²	ISO 180
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature			
0.45 MPa, Unannealed	260	°C	ISO 75-2/B
1.8 MPa, Unannealed	248	°C	ISO 75-2/A
Continuous Use Temperature [1]	125	°C	
Vicat Softening Temperature	255	°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	525	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)	950	°C	IEC 60695-2-12
Glow Wire Ignition Temperature (2.00 mm)	775	°C	IEC 60695-2-13
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		

Recommended distributors for this material

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