

HIFLAM A P FV25V0A

PA66-GF

MAIP SRL

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	9000	MPa	ISO 527
Yield stress	130	MPa	ISO 527
Stress at break	125	MPa	ISO 527
Strain at break	2.5	%	ISO 527
Izod impact strength, +23°C	45	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	7	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	242	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	258	°C	ISO 75-1/-2
Burning behav. at thickness h	V-0	class	IEC 60695-11-10
Thickness tested	0.8	mm	-
Burning rate, FMVSS, Thickness 1 mm	100	mm/min	ISO 3795 (FMVSS 302)
Glow Wire Flammability Index (GWFI)	960	°C	IEC 60695-2-12
GWFI - thickness tested (1)	2	mm	-

Other properties	Value	Unit	Test Standard
Density	1550	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	4 - 12	h	-
Processing humidity	≤0.1	%	-
Melt temperature	270 - 290	°C	-
Mold temperature	80 - 90	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

Europe

Special Characteristics

Flame retardant, Halogen-free