

KARILLON 7A K30H

PEK-GS

MAIP SRL

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	1.6	%	ISO 294-4, 2577
Molding shrinkage, normal	1.6	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Stress at break	65	MPa	ISO 527
Strain at break	5	%	ISO 527
Flexural modulus, 23°C	2100	MPa	ISO 178
Flexural strength	70	MPa	ISO 178
Izod notched impact strength, +23°C	6	kJ/m ²	ISO 180/1A
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	220	°C	ISO 11357-1/-3
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Burning rate, FMVSS, Thickness 1 mm	100	mm/min	ISO 3795 (FMVSS 302)
Electrical properties			
ISO Data			
Surface resistivity	1E14	Ohm	IEC 62631-3-2
Other properties			
Density	1430	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Pre-drying - Temperature	70 - 90	°C	-
Pre-drying - Time	2 - 6	h	-
Processing humidity	≤0.05	%	-
Melt temperature	230 - 250	°C	-
Mold temperature	60 - 80	°C	-

Characteristics**Processing**

Injection Molding

Regional Availability

Europe

Special Characteristics

Heat stabilized or stable to heat