

DAFNETHERM® PP GR16

PP-Z

Sirmax S.p.A.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	8500	MPa	ISO 527
Stress at break	20	MPa	ISO 527
Strain at break	0.5	%	ISO 527
Izod notched impact strength, +23°C	1	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Vicat softening temperature, B	130	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	-

Electrical properties	Value	Unit	Test Standard
ISO Data			
Surface resistivity	1000	Ohm	IEC 62631-3-2

Other properties	Value	Unit	Test Standard
Density	1670	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	80 - 90	°C	-
Pre-drying - Time	3	h	-
Melt temperature	200 - 250	°C	-
Mold temperature	60 - 80	°C	-

Characteristics**Processing**

Injection Molding

Applications

Automotive

Special Characteristics

Increased electrical conductivity, Thermally Conductive

Regional Availability

North America, Europe, Asia Pacific, South and Central America

Certifications

RoHS compliant