

RamSter PF550G6NT

PBT-GF30

Polyram

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	10400	MPa	ISO 527
Tensile Strength	110	MPa	ISO 527
Strain at break	2.4	%	ISO 527
Izod notched impact strength, +23°C	8	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Burning behav. at 1.5 mm nom. thickn. Thickness tested	V-0 1.6	class mm	IEC 60695-11-10 -
Burning behav. at thickness h Thickness tested	V-2 0.8	class mm	IEC 60695-11-10 -
Glow Wire Flammability Index (GWFI)	960	°C	IEC 60695-2-12
GWFI - thickness tested (1)	1.5	mm	-

Other properties	Value	Unit	Test Standard
Density	1530	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	100 - 120	°C	-
Pre-drying - Time	3 - 4	h	-
Processing humidity	≤0.02	%	-
Mold temperature	80 - 100	°C	-
Feed temperature	60 - 80	°C	-
Zone 1	235 - 255	°C	-
Zone 2	240 - 265	°C	-
Zone 3	255 - 275	°C	-

Characteristics**Processing**

Injection Molding

Delivery form

Natural Color

Special Characteristics

Flame retardant, Halogen-free

Applications

Automotive, Electrical and Electronical

Regional Availability

North America, Europe, Asia Pacific, South and Central America, Near East/Africa