

RamSter PF324G22WT220

PBT-GF22

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
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Other Standards ^[5]			
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Molding shrinkage, parallel	0.3	%	Producer Method
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S: These properties are reported by the producer according standards that are different to our defaults.

Mechanical properties	Value	Unit	Test Standard
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ISO Data			
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Tensile Modulus	8500	MPa	ISO 527
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Tensile Strength	130	MPa	ISO 527
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Strain at break	2.5	%	ISO 527
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Flexural modulus, 23°C	8660	MPa	ISO 178
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Flexural strength	200	MPa	ISO 178
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Charpy impact strength, +23°C	62	kJ/m ²	ISO 179/1eU
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Charpy notched impact strength, +23°C	8	kJ/m ²	ISO 179/1eA
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Izod notched impact strength, +23°C	9	kJ/m ²	ISO 180/1A
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Thermal properties	Value	Unit	Test Standard
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ISO Data			
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Temp. of deflection under load, 1.80 MPa	190	°C	ISO 75-1/-2
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Burning behav. at 1.5 mm nom. thickn.	V-0	class	IEC 60695-11-10
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Thickness tested	1.6	mm	-
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Burning behav. at thickness h	V-0	class	IEC 60695-11-10
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Thickness tested	0.8	mm	-
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Glow Wire Flammability Index (GWFI)	960	°C	IEC 60695-2-12
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GWFI - thickness tested (1)	1.6	mm	-
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Other properties	Value	Unit	Test Standard
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Humidity absorption	0.2	%	Sim. to ISO 62
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Density	1570	kg/m ³	ISO 1183
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Processing Recommendation Injection Molding	Value	Unit	Test Standard
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Pre-drying - Temperature	120	°C	-
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Pre-drying - Time	3 - 4	h	-
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Processing humidity	≤0.02	%	-
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Mold temperature	70 - 90	°C	-
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Feed temperature	40 - 60	°C	-
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Zone 1	235 - 255	°C	-
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Zone 2	235 - 255	°C	-
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Zone 3	240 - 260	°C	-
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Characteristics**Processing**

Injection Molding

Delivery form

White

Special Characteristics

Flame retardant

Certifications

RoHS compliant

Regional Availability

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