

RamSter PF202WT228

PBT

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	48	g/10min	ISO 1133
Temperature	250	°C	-
Load	2.16	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	2700	MPa	ISO 527
Tensile Strength	60	MPa	ISO 527
Yield strain	10	%	ISO 527
Flexural modulus, 23°C	2450	MPa	ISO 178
Flexural strength	91	MPa	ISO 178
Charpy impact strength, +23°C	120	kJ/m ²	ISO 179/1eU
Izod impact strength, +23°C	98	kJ/m ²	ISO 180/1U
Izod notched impact strength, +23°C	4.7	kJ/m ²	ISO 180/1A

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	57	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	140	°C	ISO 75-1/-2

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Pre-drying - Temperature	120	°C	-
Pre-drying - Time	3 - 4	h	-
Processing humidity	≤0.02	%	-
Mold temperature	70 - 90	°C	-
Feed temperature	40 - 60	°C	-
Zone 1	235 - 255	°C	-
Zone 2	235 - 255	°C	-
Zone 3	240 - 260	°C	-

Characteristics**Processing**

Injection Molding

Certifications

RoHS compliant

Delivery form

White

Regional Availability

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