

RAMSTER PF100NT **P.B.T**

Product Description:
 RAMSTER PF100NT is Natural, General Purpose Medium Viscosity P.B.T, , Injection Molding Applications

Product Information:

Characteristic	Unit	Test method	Property value
Physical			
Density	g/cm ³	ISO 1183	1.31
MFI (250/2.16kg)	g/10min	ISO 1133	18
Moisture absorption equilibrium 23C/50RH	%	ISO-62	0.6
Mold Shrinkage Flow 2mm	%	Internal	1.5-2
Mechanical			
Strain at Yield	%	ISO 527-2/1A	10
Tensile Modulus	MPa	ISO 527-2/1A	2700
Tensile Strength	MPa	ISO 527-2/1A	58
Impact			
Notched Izod Impact	kJ/m ²	ISO 180	5
Thermal			
HDT 0.45MPa	°C	ISO-75	152
HDT 1.8MPa	°C	ISO-75	60
Vicat 10N	°C	ISO 306	220
Flammability			
Flammability HB 3mm		UL-94	HB

Regulations:

Drinking Water Certificate: WRAS
ROHS2: ROHS Compliance
SVHC: SVHC Compliance
EU 10/2011: Monomer and additives are listed as authorized monomers/additives In Annex I of regulations (EC) No. 10/2011.
Conflict Minerals: Compliance

Pre Drying Temperature: 120°C
Pre Drying Duration: 3-4 Hours
Max Moisture: 0.02%

Processing recommendations:
Recommended Mold Temperature: 70-90°C

Feed: 40-60°C
Zone 1: 235-255°C
Zone 2: 235-255°C
Zone 3: 240-260°C

The product is manufactured according to Good Manufacturing Practice (GMP) guidelines 2023/2006/EC.

Specific migration limits of components must be ensured additionally by the person who introduces the articles into circulation in accordance to COUNCIL DIRECTIVE 82/711/EEC and further amendments.

We draw your attention to the fact that the EU-Directive 10/2011/EC, which applies to all EU-member States, includes a limit of 60 mg/kg food or 10 mg/dm² on the overall migration from finished plastic articles into food. The migration should be measured using the actual foodstuff or the appropriate food simulants at the real time/temperature conditions of use, according to the rules specified in Regulation 10/2011/EC. It is the responsibility of the manufacturer to check and confirm that the final article meets both the technical and regulatory requirements of the application.

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The technical data contained herein are guides to use Polyram resins. Information contained herein is to the best knowledge, true and assure. The customer is nevertheless obliged to run an incoming material control.