

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	19
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	2800
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	155
HDT 1.8MPa	°C	ISO-75	60
Maximum Service Temperature, Long Term	°C	INTERNAL	110
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%

Company: Polyram Plastic Industries LTD
Company Address: Ram On 19205 Israel



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

Revision #: 2

Revision Date: 26 Jul 2021

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.