

Company: Polyram Plastic Industries Ltd.
Company Address: Ram-on 19205 ISRAEL
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PLUSTEK PB142NT

Polyamide 6

Product Description:

PLUSTEK PB142NT is Natural POLYAMIDE 6, Injection Molding Applications

Product Information:

Characteristic	Unit	Test method	Property value
Physical properties			
Density	g/cm ³	ISO 1183	1.13
Moisture Absorption	%	ISO-62	3
Mold Shrinkage Flow 2mm	%	INTERNAL	1 - 1.5
Water Absorption	%	ISO-62	10
Mechanical properties			
Strain at Yield	%	ISO 527-2/1A	3.8
Tensile Modulus	MPa	ISO 527-2/1A	3100
Tensile Strength	MPa	ISO 527-2/1A	84
Impact properties			
Notched IZOD Impact	kJ/m ²	ISO 180	4.5

Regulations:

ROHS2: ROHS Compliance

SVHC: SVHC Compliance

UL-94 Standard Complaint

Processing recommendations:

Recommended Mold Temperature: 65 - 80 °C

Feed: 60 - 70 °C

Zone 1: 230 - 240 °C

Zone 2: 230 - 240 °C

Zone 3: 230 - 270 °C

Revision #1

Revision Date: 18 Feb 2018

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.