

RAMOFIN PPH300G4NT

Polypropylene+ GF

Product Description:

RAMOFIN PPH300G4NT is Natural, 20% Glass Fiber Reinforced POLYPROPYLENE, Injection Molding Applications

Product Information:

Characteristic	Unit	Test method	Property value
Physical			
MFI (230/2.16kg)	g/10min	ISO 1133	6.4
Mold Shrinkage Flow 2mm	%	INTERNAL	0.25-0.45
Mold Shrinkage X Flow 2mm	%	INTERNAL	0.7-0.9
Mechanical			
Flexural Modulus	MPa	ISO 178	3800
Flexural Strength	MPa	ISO 178	125
Strain at Break	%	ISO 527-2/1A	3.4
Tensile Modulus	MPa	ISO 527-2/1A	4800
Tensile Strength	MPa	ISO 527-2/1A	78
Impact			
Notched Izod Impact	kJ/m ²	ISO 180	11
Notched Izod Impact -30	kJ/m ²	ISO 180	8.4
Thermal			
HDT 0.45MPa	°C	ISO-75	155
HDT 1.8MPa	°C	ISO-75	140
Flammability			
Flammability FMVSS302	mm/min	FMVSS 302	<100
Flammability HB 3mm		UL-94	HB

Regulations:

ROHS2: ROHS Compliance

SVHC: SVHC Compliance

Conflict Minerals: Compliance

Pre Drying Temperature: 80°C

Pre Drying Duration: 2-4 Hours

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



Max Moisture: 0.10%

Processing recommendations:

Recommended Mold Temperature: 30-70°C

Feed: 60-70°C

Zone 1: 200-230°C

Zone 2: 200-230°C

Zone 3: 200-250°C

Revision #: 3

Revision Date: 13 Nov 2022

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.