

RAMOFIN PPH300G6NT

Polypropylene+ GF

Product Description:

RAMOFIN PPH300G6NT is Natural, 30% Glass Fiber Reinforced Polypropylene Injection Molding Applications

Product Information:

Characteristic	Unit	Test method	Property value
Physical			
Density	g/cm ³	ISO 1183	1.12
Hardness	SHORE D	ASTM-D2240	80
MFI (230/2.16kg)	g/10min	ISO 1133	4.5
Mold Shrinkage Flow 2mm	%	Internal	0.2-0.4
Mold Shrinkage X Flow 2mm	%	Internal	0.6-0.8
Mechanical			
Flexural Modulus	MPa	ISO 178	5900
Flexural Strength	MPa	ISO 178	150
Strain at Break	%	ISO 527-2/1A	3.3
Tensile Modulus	MPa	ISO 527-2/1A	6600
Tensile Strength	MPa	ISO 527-2/1A	95
Impact			
Notched Izod Impact	kJ/m ²	ISO 180	12.5
Flammability			
Flammability HB 3mm		UL-94	HB

Regulations:

Drinking Water Certificate: WRAS

ROHS2: ROHS Compliance

SVHC: SVHC Compliance

FDA-US food contact: Conform to FDA CFR 21 for indirect food contact

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: 80°C

Pre Drying Duration: 2-4 Hours

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

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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.