

PLUSTEK PB300G6BK23

Polyamide 6+GF

Product Description:

PLUSTEK PB300G6BK23 is Black, 30% Glass Fiber Reinforced, Improved Surface Appearance POLYAMIDE 6 Injection Molding Applications

Product Information:

Characteristic	Unit	Test method	Property value
Physical			
Density	g/cm ³	ISO 1183	1.35
Moisture absorption equilibrium 23C/50RH	%	ISO-62	2
Mold Shrinkage Flow 2mm	%	Internal	0.1-0.3
Mold Shrinkage X Flow 2mm	%	Internal	0.4-0.6
Water absorption, equilibrium at 23C	%	ISO-62	6.5
Mechanical			
Strain at Break	%	ISO 527-2/1A	3
Tensile Modulus	MPa	ISO 527-2/1A	9650
Tensile Strength	MPa	ISO 527-2/1A	165
Impact			
Notched Izod Impact	kJ/m ²	ISO 180ISO 1	11.5

Regulations:

ROHS2: ROHS Compliance

SVHC: SVHC Compliance

Conflict Minerals: Compliance

Pre Drying Temperature: 80°C

Pre Drying Duration: 2-4 Hours

Max Moisture: 0.15%

Processing recommendations:

Recommended Mold Temperature: 65-80°C

Feed: 60-70°C

Zone 1: 240-280°C

Zone 2: 240-280°C

Zone 3: 240-280°C

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.