SEPAZ™ HM1288

Polyamide 66

Mando Advanced Materials Co., Ltd.

Message:

SEPAZ HM1288 is High modulus and low warpage modified PA66/GF65% product.

General Information	
Filler / Reinforcement	Glass fiber reinforced material, 65% filler by weight
Features	Low warpage
	Rigidity, high

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.76	g/cm³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.20	%	ASTM D955
Transverse flow	0.40	%	ASTM D955
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength [1] (Break)	201	MPa	ASTM D638
Tensile Elongation [2] (Break)	1.5	%	ASTM D638
Flexural Modulus [3] (3.20 mm)	20600	MPa	ASTM D790
Flexural Strength [4] (3.20 mm)	333	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C, 3.18 mm)	120	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (1.8 MPa, Unannealed)	252	°C	ASTM D648
Peak Melting Temperature	260	°C	ASTM D3418
Flammability	**Nominal Value**		**Test Method**
Flame Rating	HB		UL 94
Injection	**Nominal Value**	**Unit**	
Drying Temperature	80.0 - 100	°C	
Drying Time	4.0 - 6.0	hr	
Rear Temperature	275 - 285	°C	
Middle Temperature	285 - 295	°C	
Front Temperature	290 - 300	°C	
Nozzle Temperature	290 - 300	°C	
Processing (Melt) Temp	290 - 300	°C	
Mold Temperature	80.0 - 120	°C	
Injection instructions			
Injection Speed: 40 to 70%Injection Pressure - 1st: 20 to 50%Injection Pressure - 2nd: 20 to 50%Injection Pressure - Back Pressure: 0 to 20%			

NOTE	
1.	5.0 mm/min
2.	5.0 mm/min
3.	1.3 mm/min
4.	1.3 mm/min

Recommended distributors for this material

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