Lucky Enpla LMF6200

Polypropylene

Lucky Enpla Co LTD

Message:

Lucky Enpla LMF6200 is a polypropylene product that contains 20% mineral fillers. It can be processed by injection molding and is available in North America, Europe or the Asia-Pacific region. Lucky Enpla LMF6200 applications include electrical/electronic applications and the automotive industry.

General Information			
Filler / Reinforcement	Mineral filler, 20% filler by weight		
Uses	Electrical/Electronic Applications Application in Automobile Field		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.06	g/cm³	ASTM D792
Molding Shrinkage - Flow	0.90 - 1.4	%	ASTM D955
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength [1]	32.4	MPa	ASTM D638
Flexural Modulus [2]	2750	MPa	ASTM D790
Flexural Strength [3]	44.1	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Unnotched Izod Impact (6.35 mm)	29	J/m	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (0.45 MPa, Unannealed)	135	°C	ASTM D648
Injection	**Nominal Value**	**Unit**	
Drying Temperature	70.0 - 90.0	°C	
Drying Time	2.0 - 3.0	hr	
Rear Temperature	200 - 220	°C	
Middle Temperature	200 - 220	°C	
Front Temperature	210 - 230	°C	
Nozzle Temperature	210 - 230	°C	
Mold Temperature	30.0 - 60.0	°C	
Back Pressure	0.490 - 1.47	MPa	
Screw Speed	40 - 70	rpm	

Injection instructions
Resin Temperature: 210-230°CInjection Pressure (1st Pressure): 500-800 kg/cm²Injection Pressure (2nd Pressure): 300-600 kg/cm²

NOTE	
1.	50 mm/min
2.	30 mm/min
3.	30 mm/min

Recommended distributors for this material

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