Kinta NB2620G

Polypropylene

Kinta Technology (Hong Kong) Co., Ltd.

Message:

Kinta NB2620G is a polypropylene product that contains a 20% glass fiber reinforced material. It is available in the Asia-Pacific region. The main characteristics are: flame retardant/rated flame.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 20% filler by weight		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	1.05	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow (23°C)	0.40 - 0.70	%	ASTM D955
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale)	115		ASTM D785
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength [1]	75.0	MPa	ASTM D638
Tensile Elongation [2] (Break)	10	%	ASTM D638
Flexural Modulus [3]	3600	MPa	ASTM D790
Flexural Strength [4]	100	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C, 3.20 mm)	7.50	kJ/m²	ASTM D256
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	147	°C	ASTM D648
CLTE - Flow	1.0E-4	cm/cm/°C	ASTM D696
Electrical	**Nominal Value**	**Unit**	**Test Method**
Volume Resistivity	1.0E+17	ohms·cm	ASTM D257
Dielectric Strength	41	kV/mm	ASTM D149
Flammability	**Nominal Value**	**Unit**	**Test Method**
Flame Rating (3.2 mm)	HB		UL 94
Injection	**Nominal Value**	**Unit**	
Drying Temperature	75 - 80	°C	
Drying Time	1.0	hr	
Rear Temperature	200 - 205	°C	
Middle Temperature	200 - 215	°C	
Front Temperature	200 - 205	°C	
Nozzle Temperature	205 - 210	°C	
Processing (Melt) Temp	198 - 210	°C	
Mold Temperature	90 - 100	°C	

Injection Pressure	100 - 130	MPa

NOTE	
1.	50 mm/min
2.	50 mm/min
3.	5.0 mm/min
4.	5.0 mm/min

Recommended distributors for this material

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