

Kinta FR2600

Polypropylene

Kinta Technology (Hong Kong) Co., Ltd.

Message:

Kinta FR2600 is a polypropylene product. It is available in the Asia-Pacific region. The main characteristics are: flame retardant/rated flame.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow (23°C)	0.60 - 1.1	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	95		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹	26.0	MPa	ASTM D638
Tensile Elongation ² (Break)	15	%	ASTM D638
Flexural Modulus ³	1980	MPa	ASTM D790
Flexural Strength ⁴	40.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm)	4.20	kJ/m ²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	70.0	°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	43	kV/mm	ASTM D149
Flammability	Nominal Value	Unit	Test Method
Flame Rating (3.2 mm)	V-0		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	75 - 80	°C	
Drying Time	1.0	hr	
Rear Temperature	200 - 205	°C	
Middle Temperature	200 - 210	°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

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