

SEPAZ™ CON E1366

Polyamide 66

Mando Advanced Materials Co., Ltd.

Message:

SEPAZ CON E1366 is a CF 30% reinforced PA66 product. SEPAZ CON E1366 has good properties with excellent mechanical properties and 10³ ohm/sq surface electric resistivity.

General Information			
Filler / Reinforcement	Carbon fiber reinforced material, 30% filler by weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.26	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.050	%	ASTM D955
Transverse flow	0.25	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	255	MPa	ASTM D638
Tensile Elongation ² (Break)	2.5	%	ASTM D638
Flexural Modulus ³	17800	MPa	ASTM D790
Flexural Strength ⁴	333	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	98	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	240	°C	ASTM D648
Peak Melting Temperature	260	°C	ASTM D3418
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	< 1.0E+3	ohms	ASTM D257
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	100 - 120	°C	
Drying Time	3.0 - 4.0	hr	
Rear Temperature	260 - 280	°C	
Middle Temperature	270 - 290	°C	
Front Temperature	270 - 290	°C	
Nozzle Temperature	280 - 300	°C	
Processing (Melt) Temp	280 - 300	°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.	3.0 mm/min
4.	3.0 mm/min

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Recommended distributors for this material

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