Matrixx FPP5A30CC

Polypropylene

The Matrixx Group, Inc.

Message:

Matrixx FPP5A30CC is a polypropylene material, and the filler is 30% glass fiber reinforced material. This product is available in North America.
The main features of the Matrixx FPP5A30CC are:
flame retardant/rated flame
Chemical coupling
Impact resistance

General Information	
Filler / Reinforcement	Glass fiber reinforced material, 30% filler by weight
Features	Chemical coupling
	Impact resistance, high

Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.18 mm)	0.10 - 0.40	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	53.8	MPa	ASTM D638
Flexural Modulus - Tangent	3450	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	230	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
RTI	65.6	°C	UL 746
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	82.2 - 104	°C	
Drying Time	2.0 - 4.0	hr	
Rear Temperature	199 - 243	°C	
Middle Temperature	199 - 243	°C	
Front Temperature	199 - 243	°C	
Processing (Melt) Temp	199 - 243	°C	
Mold Temperature	15.6 - 65.6	°C	
Injection Rate	Moderate		
Back Pressure	< 0.345	MPa	
Screw Speed	20 - 60	rpm	
Cushion	6.35 - 12.7	mm	

Injection instructions
Drying not normally required

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

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WECHAT