

Starpylen HZ 30WF2

Polypropylene
Eurostar Engineering Plastics

Message:

Starpylen HZ 30WF2 is a 30% Wood Fiber Reinforced Polypropylene Injection Molding Resin (also known as HZ30WF2).

General Information			
Filler / Reinforcement	Wood Fiber,30% Filler by Weight		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.01	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2300	MPa	ISO 527-2/1
Tensile Stress (Yield)	29.0	MPa	ISO 527-2
Tensile Strain (Break)	3.5	%	ISO 527-2
Flexural Modulus	2680	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength ¹ (23°C)	17	kJ/m ²	ISO 179/1eU
Injection	Nominal Value	Unit	
Drying Temperature	70.0	°C	
Drying Time	3.0	hr	
Rear Temperature	185 to 195	°C	
Middle Temperature	185 to 195	°C	
Front Temperature	185 to 195	°C	
Processing (Melt) Temp	185 to 195	°C	
Mold Temperature	30.0 to 50.0	°C	
NOTE			
1.	80*10*4 sp=62mm		

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Recommended distributors for this material

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