

Starpylen HU 30E4 ECR

Polypropylene
Eurostar Engineering Plastics

Message:
Starpylen HU 30E4 ECR is a reinforced Polypropylene with a low carbon footprint renewable mineral filler, Injection Molding Resin (also known as HU30E4ECR).

General Information			
Filler / Reinforcement	Mineral		
Features	Renewable Resource Content		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.12	g/cm ³	ISO 1183
Molding Shrinkage - Flow (4.00 mm)	1.8 to 2.0	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	28.0	MPa	ISO 527-2
Tensile Strain (Break)	8.0	%	ISO 527-2
Flexural Modulus	2100	MPa	ISO 178
Flexural Stress	41.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ¹ (23°C)	3.0	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ² (23°C)	15	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ³ (1.8 MPa, Unannealed, 64.0 mm Span)	61.0	°C	ISO 75-2/Af
Injection	Nominal Value	Unit	
Drying Temperature	70.0	°C	
Drying Time	3.0	hr	
Rear Temperature	190 to 200	°C	
Middle Temperature	190 to 200	°C	
Front Temperature	190 to 200	°C	
Processing (Melt) Temp	190 to 200	°C	
Mold Temperature	30.0 to 50.0	°C	
NOTE			
1.	80*10*4		
2.	80*10*4		
3.	80*10*4		

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