

Starpylen HZ 80E7

Polypropylene

Eurostar Engineering Plastics

Message:

Starpylen* HZ 80E7 is a High Density Polypropylene Injection Molding Resin

General Information			
Features	High Density		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	2.55	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	14.0	MPa	ISO 527-2/5
Tensile Strain (Break)	> 5.0	%	ISO 527-2/5
Flexural Modulus ¹	4400	MPa	ISO 178
Flexural Stress	28.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ² (23°C)	2.0	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ³ (23°C)	8.0	kJ/m ²	ISO 180/1U
Injection	Nominal Value	Unit	
Drying Temperature	70.0	°C	
Drying Time	3.0	hr	
Rear Temperature	195 to 205	°C	
Middle Temperature	215 to 225	°C	
Front Temperature	225 to 250	°C	
Processing (Melt) Temp	225 to 250	°C	
Mold Temperature	30.0 to 50.0	°C	
NOTE			
1.	2.0 mm/min		
2.	80*10*4		
3.	80*10*4		

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Recommended distributors for this material

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