

Starglas FF006

High Density Polyethylene
Eurostar Engineering Plastics

Message:

Starglas FF006 is a Glass Fiber Reinforced High Density Polyethylene Resin (also known as Starglas PE HE 30V)

General Information			
Filler / Reinforcement	Glass Fiber		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.18	g/cm ³	ISO 1183
Molding Shrinkage - Flow (4.00 mm)	0.30 to 0.50	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5800	MPa	ISO 527-2/1
Tensile Stress (Yield)	55.0	MPa	ISO 527-2
Tensile Strain (Break)	3.0	%	ISO 527-2
Flexural Modulus	4500	MPa	ISO 178
Flexural Stress	77.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength ¹ (23°C)	7.0	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength ² (23°C)	35	kJ/m ²	ISO 180/1U
Injection	Nominal Value	Unit	
Drying Temperature	70.0	°C	
Drying Time	2.0	hr	
Rear Temperature	170 to 200	°C	
Middle Temperature	170 to 200	°C	
Front Temperature	170 to 200	°C	
Processing (Melt) Temp	190	°C	
Mold Temperature	40.0 to 55.0	°C	
NOTE			
1.	80*10*4		
2.	80*10*4		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

