

# CELEX™ 730GS

ABS Resin

Trinseo

## Message:

CELEX 730GS is a 30% glass fiber reinforced ABS resin. It is designed with high rigidity and good dimensional stability. CELEX 730GS is designed for use in computer cooling fan, fax machine chassis, monitor base and air-conditioner parts.

General Information			
UL YellowCard	E132010-575445		
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	Good Dimensional Stability		
	High Rigidity		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/3.8 kg)	3.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow (3.20 mm)	0.20 to 0.40	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (3.20 mm)	5350	MPa	ASTM D638
Tensile Strength (Yield, 3.20 mm)	86.0	MPa	ASTM D638
Flexural Modulus (3.20 mm)	6100	MPa	ASTM D790
Flexural Strength (3.20 mm)	108	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.20 mm)	98	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.20 mm)	100	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	85.0	°C	
Drying Time	3.0 to 4.0	hr	
Rear Temperature	180 to 190	°C	
Middle Temperature	190 to 220	°C	
Front Temperature	190 to 220	°C	
Nozzle Temperature	200 to 230	°C	
Mold Temperature	60.0 to 80.0	°C	

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

