

# Golden Compound PP S<sup>2</sup>PC 3056 BO GF20

Polypropylene  
Golden Compound GmbH

Message:

Easy flowing PP compound with 30 wt% natural fibers derived from Sunflower Seed Hulls.  
Fibers derived from Sunflower Seed Hulls are a side product of Sunflower Oil production. They are GMO free, do not compete with the food chain and do not require additional areal. S<sup>2</sup> PC has a lower carbon footprint than the materials it is targeted to replace.

General Information			
Filler / Reinforcement	Natural fiber reinforced material, 30% filler by weight		
Features	Updatable resources		
	Good liquidity		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.17	g/cm <sup>3</sup>	ISO 1183
Melt Volume-Flow Rate (MVR) (190°C/5.0 kg)	65.0	cm <sup>3</sup> /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5200	MPa	ISO 527-2
Tensile Stress	49.0	MPa	ISO 527-2
Tensile Strain (Break)	2.9	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.6	kJ/m <sup>2</sup>	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	18	kJ/m <sup>2</sup>	ISO 179/1eU
Injection	Nominal Value	Unit	
Drying Temperature	80	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.040	%	
Processing (Melt) Temp	180 - 190	°C	
Mold Temperature	20 - 60	°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



WECHAT