

Golden Compound PP S²PC 2745 BO 10LP41

Polypropylene
Golden Compound GmbH

Message:

Easy flowing PP compound with 27 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. S² PC has a lower carbon footprint than the materials it is targeted to replace.

General Information			
Filler / Reinforcement	Natural fiber reinforced material, 27% filler by weight		
Features	Updatable resources		
	Good liquidity		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.02	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (190°C/5.0 kg)	40.0	cm ³ /10min	ISO 1133
Molding Shrinkage			ISO 294-4
Transverse flow	1.0	%	ISO 294-4
Flow	1.0	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1500	MPa	ISO 527-2
Tensile Stress	19.0	MPa	ISO 527-2
Tensile Strain (Break)	13	%	ISO 527-2
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-20°C	2.3	kJ/m ²	ISO 179/1eA
23°C	4.2	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	27	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	110	°C	ISO 75-2/A
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