

SAXALEN™ PPC345G30

Polypropylene Copolymer

SAX Polymers

Message:

SAXALEN PPC345G30 is a 30% glass filled Polypropylene - Copolymer intended for injection moulding.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.08	g/cm ³	ISO 1183
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	15.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	5200	MPa	ISO 527-2/1
Tensile Stress (Break)	55.0	MPa	ISO 527-2/5
Tensile Strain (Break)	4.0	%	ISO 527-2/5
Flexural Modulus ¹	4500	MPa	ISO 178
Flexural Stress ²	105	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	9.0	kJ/m ²	
23°C	13	kJ/m ²	
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	39	kJ/m ²	
23°C	50	kJ/m ²	
Notched Izod Impact Strength			ISO 180/1A
-30°C	9.0	kJ/m ²	
23°C	14	kJ/m ²	
Unnotched Izod Impact Strength			ISO 180/1U
-30°C	40	kJ/m ²	
23°C	50	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ³ (1.8 MPa, Unannealed, 60.0 mm Span)	127	°C	ISO 75-2/A
Vicat Softening Temperature	118	°C	ISO 306/B120
Injection	Nominal Value	Unit	
Processing (Melt) Temp	220 to 250	°C	
Mold Temperature	40.0 to 70.0	°C	
NOTE			

1.	2.0 mm/min
2.	2.0 mm/min
3.	80*10*4mm

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

