

TRIBOCOMP® PA6 CF30 TS0

Polyamide 6
EPIC Polymers

Message:

TRIBOCOMP® PA6 CF30 TS0 is a polyamide 6 (nylon 6) product, which contains 15% ptfe fiber and 30% carbon fiber reinforced materials. It is available in Europe.

General Information			
Filler / Reinforcement	PTFE fiber, 15% filler by weight		
	Carbon fiber reinforced material, 30% filler by weight		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	1.37	g/cm ³	ISO 1183
Molding Shrinkage - Flow	0.20	%	ISO 294-4
Water Absorption (Equilibrium, 23°C, 50% RH)	1.7	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (23°C)	19500	MPa	ISO 527-2
Tensile Stress (Break, 23°C)	200	MPa	ISO 527-2
Tensile Strain (Break)	2.5	%	ISO 527-2
Flexural Modulus (23°C)	17000	MPa	ISO 178
Flexural Stress (23°C)	290	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	12	kJ/m ²	ISO 179
Charpy Unnotched Impact Strength (23°C)	60	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	220	°C	ISO 75-2/B
1.8 MPa, not annealed	215	°C	ISO 75-2/A
CLTE - Flow (23°C)	2.1E-5	cm/cm/°C	ISO 7991
Thermal Conductivity	0.51	W/m/K	ISO 22007
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+2	ohms	ASTM D257
Additional Information			
The value listed as Molding Shrinkage ISO 294-4, was tested in accordance with S.O.P. methods.			
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.10	%	
Rear Temperature	230 - 270	°C	

Middle Temperature	235 - 280	°C
Front Temperature	235 - 280	°C
Nozzle Temperature	235 - 290	°C
Processing (Melt) Temp	< 320	°C
Mold Temperature	80.0 - 120	°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