

TRISTAR® PC-30GF

Polycarbonate

Polymer Technology and Services, LLC

Message:

TRISTAR® PC-30GF is a Polycarbonate (PC) product filled with 30% glass fiber. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Applications of TRISTAR® PC-30GF include electrical/electronic applications and wire & cable.

Characteristics include:

REACH Compliant

RoHS Compliant

Good Mold Release

Mold Release Agent

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	Mold Release		
Features	Good Mold Release		
Uses	Electrical/Electronic Applications		
	Telecommunications		
Agency Ratings	EC 1907/2006 (REACH)		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.43	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	120		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 3.17 mm)	128	MPa	ASTM D638
Tensile Elongation (Break, 3.17 mm)	3.0	%	ASTM D638
Flexural Modulus (3.17 mm)	7580	MPa	ASTM D790
Flexural Strength (Yield, 3.17 mm)	155	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.17 mm)	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	143	°C	ASTM D648

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

