

SCHULADUR® HT GF 30

Polycyclohexylenedimethylene Terephthalate

A. Schulman Europe

Message:

PCT, 30% glass fiber reinforced, high temperatur resistant, reflow welding

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 30% filler by weight		
Processing Method	Injection molding		
Resin ID (ISO 1043)	PCT GF 30		
Physical	Nominal Value	Unit	Test Method
Density	1.44	g/cm ³	ISO 1183/A
Melt Volume-Flow Rate (MVR) (300°C/2.16 kg)	20.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	8500	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	115	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	2.0	%	ISO 527-2/1A/5
Flexural Modulus ¹	8000	MPa	ISO 178
Flexural Stress ² (2.5% strain)	180	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	6.0	kJ/m ²	ISO 179/1eA
23°C	7.0	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	48	kJ/m ²	ISO 179/1eU
23°C	58	kJ/m ²	ISO 179/1eU
Additional Information			
1.) Not for use in food contact applications2.) Not for use in medical or pharmaceutical applications			
NOTE			
1.	2.0 mm/min		
2.	2.0 mm/min		

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

