

TechnoFiber Performance PP LGF 50-10-02 HI

Polypropylene
TechnoCompound GmbH

Message:

TechnoFiber Performance PP LGF 50-10-02 HI is a polypropylene material containing 50% long glass fibers. This product is available in North America, Europe or Asia Pacific.

General Information			
Filler / Reinforcement	Long glass fiber, 50% filler by weight		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Density	1.34	g/cm ³	ISO 1183
shrinkage-Flow ¹	0.20	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	10500	MPa	ISO 527-2/1
Tensile Stress (Yield)	120	MPa	ISO 527-2/50
Tensile Strain (Yield)	2.0	%	ISO 527-2/50
Flexural Modulus ²	10800	MPa	ISO 178
Flexural Stress ³	130	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	20	kJ/m ²	ISO 179/1eA
23°C	20	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	54	kJ/m ²	ISO 179/1eU
23°C	55	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	160	°C	ISO 75-2/B
Melting Temperature ⁴	165	°C	ISO 11357-3
NOTE			
1.	240°C / WZ 40°C, 600 bar		
2.	2.0 mm/min		
3.	5.0 mm/min		
4.	10°C/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

