

SITRAPET GF45-LK / C94150

Polyethylene Terephthalate

SITRAPLAS GmbH

Message:

SITRAPET GF45-LK / C94150 is a Polyethylene Terephthalate (PET) material filled with 45% glass fiber. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America for injection molding.

Important attributes of SITRAPET GF45-LK / C94150 are:

Flame Rated

High Strength

General Information			
Filler / Reinforcement	Glass Fiber,45% Filler by Weight		
Features	High Strength		
Processing Method	Injection Molding		
Resin ID (ISO 1043)	>PET-GF45<		
Physical	Nominal Value	Unit	Test Method
Density	1.70	g/cm ³	ISO 1183
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	> 15000	MPa	ISO 527-2/1
Tensile Stress	> 165	MPa	ISO 527-2/5
Tensile Strain (Yield)	> 1.5	%	ISO 527-2/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	> 10	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	> 55	kJ/m ²	ISO 179/1eU
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.50 mm)	HB		UL 94

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

