

CALP 4650GF

Polyolefin

Lion Idemitsu Composites Co., Ltd.

Message:

CALP 4650GF is a Polyolefin product filled with glass fiber. It can be processed by injection molding and is available in Asia Pacific. Primary characteristic: food contact acceptable.

General Information			
Filler / Reinforcement	Glass Fiber		
Features	Food Contact Acceptable		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.09	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	5.9	g/10 min	ASTM D1238
Molding Shrinkage	Internal Method		
Flow : 2.00 mm	1.1	%	
Across Flow : 2.00 mm	1.2	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	102		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	41.0	MPa	ASTM D638
Tensile Elongation (Break)	13	%	ASTM D638
Flexural Modulus	3190	MPa	ASTM D790
Flexural Strength	60.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area) (23°C)	3.00	kJ/m ²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	154	°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



WECHAT