

CALP 4310GF

Polyolefin

Lion Idemitsu Composites Co., Ltd.

Message:

CALP 4310GF is a Polyolefin product filled with glass fiber. It can be processed by injection molding and is available in Asia Pacific.

General Information			
UL YellowCard	E220017-266442		
Filler / Reinforcement	Glass Fiber		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	3.0	g/10 min	ASTM D1238
Molding Shrinkage	Internal Method		
Flow : 2.00 mm	0.60	%	
Across Flow : 2.00 mm	0.80	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	103		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	58.0	MPa	ASTM D638
Tensile Elongation (Break)	4.0	%	ASTM D638
Flexural Modulus	5700	MPa	ASTM D790
Flexural Strength	85.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area) (23°C)	5.00	kJ/m ²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	156	°C	ASTM D648

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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



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