

CALP 4350G

Polyolefin

Lion Idemitsu Composites Co., Ltd.

Message:

CALP 4350G is a Polyolefin product. It can be processed by injection molding and is available in Asia Pacific.

Characteristics include:

Heat Resistant

High Stiffness

General Information			
Features	High Heat Resistance		
	High Stiffness		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.01	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	21	g/10 min	ASTM D1238
Molding Shrinkage			Internal Method
Flow : 2.00 mm	1.5	%	
Across Flow : 2.00 mm	1.4	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	103		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	34.0	MPa	ASTM D638
Tensile Elongation (Break)	21	%	ASTM D638
Flexural Modulus	3040	MPa	ASTM D790
Flexural Strength	52.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area) (23°C)	5.10	kJ/m ²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	137	°C	ASTM D648

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