

# CALP 3500G

Polyolefin

Lion Idemitsu Composites Co., Ltd.

## Message:

CALP 3500G is a Polyolefin product. It can be processed by injection molding and is available in Asia Pacific.

Characteristics include:

- Flame Rated
- Food Contact Acceptable
- High Gloss

General Information			
Features	Food Contact Acceptable		
	High Gloss		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.08	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR)	10	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	98		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	32.0	MPa	ASTM D638
Tensile Elongation (Break)	38	%	ASTM D638
Flexural Modulus	1720	MPa	ASTM D790
Flexural Strength	43.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area) (23°C)	4.50	kJ/m²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	120	°C	ASTM D648
Ball Pressure Test (140°C)	Pass		Internal Method
RTI Elec	65.0	°C	UL 746
RTI Imp	65.0	°C	UL 746
RTI Str	65.0	°C	UL 746
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm)	HB		UL 94

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Recommended distributors for this material

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