

CALP 3850G

Acrylonitrile Butadiene Styrene

Lion Idemitsu Composites Co., Ltd.

Message:

CALP 3850G is an Acrylonitrile Butadiene Styrene (ABS) product. It is available in Asia Pacific.

General Information			
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.44	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	5.7	g/10 min	ASTM D1238
Molding Shrinkage			Internal Method
Flow : 2.00 mm	0.30	%	
Across Flow : 2.00 mm	0.30	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	101		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	31.0	MPa	ASTM D638
Tensile Elongation (Break)	19	%	ASTM D638
Flexural Modulus	3060	MPa	ASTM D790
Flexural Strength	58.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area) (23°C)	10.0	kJ/m ²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	85.0	°C	ASTM D648

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