

CALP 1620G-1

Polyolefin

Lion Idemitsu Composites Co., Ltd.

Message:

CALP 1620G-1 is a Polyolefin product. It can be processed by injection molding and is available in Asia Pacific.

General Information			
Features	General Purpose		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.980	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	30	g/10 min	ASTM D1238
Molding Shrinkage	Internal Method		
Flow : 2.00 mm	1.3	%	
Across Flow : 2.00 mm	1.5	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	75		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	23.0	MPa	ASTM D638
Tensile Elongation (Break)	40	%	ASTM D638
Flexural Modulus	1300	MPa	ASTM D790
Flexural Strength	31.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area) (23°C)	7.00	kJ/m ²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	110	°C	ASTM D648

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