

CALP 4205G-6

Polyolefin

Lion Idemitsu Composites Co., Ltd.

Message:

CALP 4205G-6 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	1.06	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR)	28	g/10 min	ASTM D1238
Molding Shrinkage			Internal Method
Flow : 2.00 mm	0.60	%	
Across Flow : 2.00 mm	1.0	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	71		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	22.0	MPa	ASTM D638
Tensile Elongation (Break)	30	%	ASTM D638
Flexural Modulus	2400	MPa	ASTM D790
Flexural Strength	33.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Area) (23°C)	48.0	kJ/m²	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	125	°C	ASTM D648

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