

Complet® LCF20-LGF30-PA66

Polyamide 66
PlastiComp, Inc.

Message:

Complet® LCF20-LGF30-PA66 is a polyamide 66 (nylon 66) product, which contains 20% long glass fibers and 10% long carbon fibers. It is available in North America, Europe or Asia Pacific. The main features are: Rohs certification.

General Information			
Filler / Reinforcement	Long glass fiber, 20% filler by weight		
	Long carbon fiber, 10% filler by weight		
RoHS Compliance	RoHS compliance		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.50	g/cm³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	24800	MPa	ASTM D638
Tensile Strength	283	MPa	ASTM D638
Tensile Elongation (Break)	1.0 - 2.0	%	ASTM D638
Flexural Modulus	19300	MPa	ASTM D790
Flexural Strength	409	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	320	J/m	ASTM D256
Unnotched Izod Impact	960	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	249	°C	ASTM D648

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