

Complet® LCF10-LGF20-PP

Polypropylene Homopolymer

PlastiComp, Inc.

Message:

Complet® LCF10-LGF20-PP is a polypropylene homopolymer (PP Homopoly) product, which contains 20% long glass fiber and 10% long carbon fiber. It is available in North America, Europe or Asia Pacific.

Features include:

ROHS certification

Homopolymer

General Information			
Filler / Reinforcement	Long glass fiber, 20% filler by weight		
	Long carbon fiber, 10% filler by weight		
Features	Homopolymer		
RoHS Compliance	RoHS compliance		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	9660	MPa	ASTM D638
Tensile Strength	134	MPa	ASTM D638
Tensile Elongation (Break)	1.0 - 2.0	%	ASTM D638
Flexural Modulus	6900	MPa	ASTM D790
Flexural Strength	184	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	210	J/m	ASTM D256
Unnotched Izod Impact	590	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	149	°C	ASTM D648

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Recommended distributors for this material

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