

Complet® LCF40-PEI

Polyether Imide

PlastiComp, Inc.

Message:

Complet® LCF40-PEI is a Polyether Imide (PEI) product filled with 40% long carbon fiber. It is available in Asia Pacific, Europe, or North America. Primary characteristic: rohs compliant.

General Information			
Filler / Reinforcement	Long Carbon Fiber,40% Filler by Weight		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.43	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	34500	MPa	ASTM D638
Tensile Strength	186	MPa	ASTM D638
Tensile Elongation (Break)	1.0	%	ASTM D638
Flexural Modulus	31000	MPa	ASTM D790
Flexural Strength	331	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact	690	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	210	°C	ASTM D648

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Recommended distributors for this material

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