

Velocity® LCF40-PA6

Polyamide 6
PlastiComp, Inc.

Message:

Velocity® LCF40-PA6 is a Polyamide 6 (Nylon 6) product filled with 40% long carbon fiber. It is available in Asia Pacific, Europe, or North America. Characteristics include:
RoHS Compliant
High Flow

General Information			
Filler / Reinforcement	Long Carbon Fiber,40% Filler by Weight		
Features	High Flow		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	29700	MPa	ASTM D638
Tensile Strength	290	MPa	ASTM D638
Tensile Elongation (Break)	1.0	%	ASTM D638
Flexural Modulus	23400	MPa	ASTM D790
Flexural Strength	428	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	220	J/m	ASTM D256
Unnotched Izod Impact	850	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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