

PEXTIN™ PETG30-BK09

Polybutylene Terephthalate

Pier One Polymers, Inc.

Message:

PEXTIN PETG30 is available in black only, internal and external lubricants, UV stabilized and other modifications. Manufactured with recycled content. Further information and details are available upon request.

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.56	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	141	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	3.0	%	ASTM D638
Flexural Modulus (23°C)	7590	MPa	ASTM D790
Flexural Strength (23°C)	193	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	86	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	221	°C	ASTM D648
Peak Melting Temperature	252	°C	ASTM D3418
Injection	Nominal Value	Unit	
Suggested Max Moisture	< 0.020	%	
Processing (Melt) Temp	271 to 299	°C	
Mold Temperature	110 to 121	°C	

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Recommended distributors for this material

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