

PEXTIN™ RCPETG30-BK09

Polyethylene Terephthalate

Pier One Polymers, Inc.

Message:

Pextin™ RCPETG30 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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