

PEXTIN™ PBTG15-BK10

Polybutylene Terephthalate

Pier One Polymers, Inc.

Message:

Pextin™ PBTG15 is available in black only, internal and external lubricants, UV stabilized and other modifications. Further information and details are available upon request.

General Information			
Filler / Reinforcement	Glass Fiber, 15% Filler by Weight		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.42	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	75.9	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	5.0	%	ASTM D638
Flexural Modulus (23°C)	4140	MPa	ASTM D790
Flexural Strength (23°C)	141	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	75	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	170	°C	ASTM D648
Injection	Nominal Value	Unit	Test Method
Suggested Max Moisture	< 0.020	%	
Processing (Melt) Temp	232 to 266	°C	
Mold Temperature	54.0 to 82.0	°C	

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Recommended distributors for this material

Susheng Import & Export Trading Co., Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

