

PEXTIN™ PBTM30-BK10

Polybutylene Terephthalate

Pier One Polymers, Inc.

Message:

Pextin™ PBTM30 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	Mineral,30% Filler by Weight		
Appearance	Black		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.44	g/cm ³	ASTM D792
Ash Content	28 to 32	%	ASTM D2584
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	46.9	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	3.0	%	ASTM D638
Flexural Modulus (23°C)	3520	MPa	ASTM D790
Flexural Strength (23°C)	91.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	80	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	190	°C	ASTM D648
Peak Melting Temperature	220	°C	ASTM D3418
Injection	Nominal Value	Unit	
Suggested Max Moisture	< 0.020	%	
Processing (Melt) Temp	254 to 277	°C	
Mold Temperature	66.0 to 93.0	°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



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