

BIPEX B0620FN18

Polybutylene Terephthalate

Ginar Technology Co., LTD.

Message:

BIPEX B0620FN18 is a Polybutylene Terephthalate (PBT) product filled with 30% glass fiber. It is available in Africa & Middle East, Asia Pacific, Europe, or North America.

Characteristics include:

Flame Rated

Flame Retardant

General Information			
UL YellowCard	E154352-223874		
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Additive	Flame Retardant		
Features	Flame Retardant		
	Halogenated		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.59	g/cm³	ASTM D792
Molding Shrinkage - Flow (3.00 mm)	0.40	%	ASTM D955
Water Absorption (23°C, 24 hr)	0.050	%	ASTM D570

Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	118		ASTM D785

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	124	MPa	ASTM D638
Tensile Elongation (Break)	2.5	%	ASTM D638
Flexural Modulus	8620	MPa	ASTM D790A
Flexural Strength	193	MPa	ASTM D790A

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	96	J/m	ASTM D256

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	215	°C	ASTM D648
Peak Melting Temperature	220	°C	ASTM D789

Flammability	Nominal Value	Test Method
Flame Rating	UL 94	
0.0625 mm	V-0	
0.125 mm	V-0	

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