

# POBUX 3001G30

Polybutylene Terephthalate  
POLYROCKS CHEMICAL CO., LTD

Message:

POBUX 3001G30 is a Polybutylene Terephthalate (PBT) product filled with 30% glass fiber. It is available in Asia Pacific. Typical application: Electrical/Electronic Applications.  
Characteristics include:  
Flame Rated  
Flame Retardant  
Good Dimensional Stability  
Rigid

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	Flame Retardant		
	Good Dimensional Stability		
	High Rigidity		
Uses	Electrical Parts		
	Electrical/Electronic Applications		
UL File Number	E253482		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.68	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (250°C/2.16 kg)	6.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	140	MPa	ASTM D638
Tensile Elongation (Break)	5.0	%	ASTM D638
Flexural Modulus	8500	MPa	ASTM D790
Flexural Strength	190	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	90	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	210	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index	600	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating	UL 94		
1.50 mm	V-0		
3.00 mm	V-0		
Injection	Nominal Value	Unit	

Drying Temperature	120	°C
Drying Time	3.0 to 4.0	hr
Processing (Melt) Temp	240 to 260	°C
Mold Temperature	70.0 to 90.0	°C

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Recommended distributors for this material

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