

# DynaMix™ 3230- GF-B

Polyetheretherketone

Polymer Dynamix

Message:

- Modified PEEK
- Features:
  - Great Chemical Resistance
  - Good Dimensional Stability
  - Excellent Processability
- Applications:
  - Aviation
  - Chemical Processing
  - Industrial

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	Good Chemical Resistance		
	Good Dimensional Stability		
	Good Processability		
Uses	Aircraft Applications		
	Industrial Applications		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.52	g/cm³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	171	MPa	ASTM D638
Tensile Elongation (Break)	2.5	%	ASTM D638
Flexural Modulus	11400	MPa	ASTM D790
Flexural Strength	256	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	120	J/m	ASTM D256
Unnotched Izod Impact (23°C, 3.18 mm)	> 850	J/m	ASTM D256
Extrusion	Nominal Value	Unit	
Drying Temperature	132 to 149	°C	
Drying Time	3.0 to 5.0	hr	
Cylinder Zone 1 Temp.	182 to 193	°C	
Cylinder Zone 3 Temp.	193 to 199	°C	
Cylinder Zone 5 Temp.	196 to 202	°C	
Melt Temperature	199 to 204	°C	
Die Temperature	196 to 204	°C	

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