

DynaMix Lite™ 3244-GHIL

Polyetheretherketone

Polymer Dynamix

Message:

Glass Filled Impact Modified PEEK

Features:

High Impact Strength

Low Density

Good Dimensional Stability

Excellent Chemical Resistance

Applications:

Automotive

Industrial

Small Appliances

General Information			
Filler / Reinforcement	Glass Fiber		
Additive	Impact Modifier		
Features	Good Chemical Resistance		
	Good Dimensional Stability		
	Good Impact Resistance		
	Impact Modified		
	Low Density		
Uses	Appliance Components		
	Appliances		
	Automotive Applications		
	Industrial Applications		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.43	g/cm ³	ASTM D792
Water Absorption (24 hr)	0.10	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	100	MPa	ASTM D638
Tensile Elongation (Break)	6.2	%	ASTM D638
Flexural Modulus	4830	MPa	ASTM D790
Flexural Strength	124	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	100	J/m	ASTM D256
Injection	Nominal Value	Unit	
Drying Temperature	135 to 149	°C	
Drying Time	3.0 to 5.0	hr	

Rear Temperature	357 to 374	°C
Middle Temperature	363 to 377	°C
Front Temperature	368 to 382	°C
Nozzle Temperature	368 to 382	°C
Processing (Melt) Temp	368 to 382	°C
Mold Temperature	177 to 204	°C
Injection Rate	Moderate	
Screw Speed	20 to 100	rpm
Clamp Tonnage	5.5 to 8.3	kN/cm ²

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