

DynaMix Lite™ 144-M

Polypropylene

Polymer Dynamix

Message:

Hollow Glass Bead Filled PP

Features:

Excellent Processability

Low Density

Good Dimensional Stability

Applications:

Automotive

Industrial

Small Appliances

General Information			
Filler / Reinforcement	Glass beads		
Features	Good dimensional stability		
	Low density		
	Workability, good		
Uses	Electrical appliances		
	Industrial application		
	Home appliance components		
	Application in Automobile Field		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.650 - 0.680	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	20.0	MPa	ASTM D638
Tensile Elongation (Break)	2.0 - 5.0	%	ASTM D638
Flexural Modulus	1930	MPa	ASTM D790
Flexural Strength	42.4	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	< 53	J/m	ASTM D256
Extrusion	Nominal Value	Unit	
Drying Temperature	60.0 - 71.1	°C	
Drying Time	3.0 - 5.0	hr	
Cylinder Zone 1 Temp.	182 - 204	°C	
Cylinder Zone 3 Temp.	188 - 216	°C	
Cylinder Zone 5 Temp.	193 - 227	°C	
Melt Temperature	199 - 232	°C	
Die Temperature	199 - 232	°C	

Extrusion instructions

Screw Speed: 25 to 100 RPM

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Recommended distributors for this material

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