

MCGB DuraFlax™ FFPPR 7525

Polypropylene
MCG BioComposites, LLC

Message:
MCGB DuraFlax™ FFPP 7525 is a proprietary blend of flax fiber and reclaimed polypropylene for injection molding applications: Consumer Products, Lawn & Garden, and Industrial.

General Information			
Filler / Reinforcement	Flax Fiber		
Recycled Content	Yes		
Features	Renewable Resource Content		
Uses	Consumer Applications		
	Industrial Applications		
	Lawn and Garden Equipment		
Appearance	Light Brown		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.977	g/cm ³	ASTM D1505
Moisture	< 1.0	%	
Particle Size - typical	396	µm	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	31.9	MPa	ASTM D638
Flexural Modulus	2480	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	17	J/m	ASTM D256
Injection	Nominal Value	Unit	
Drying Temperature - Desiccant Dryer	104	°C	
Suggested Max Moisture	0.50	%	
Rear Temperature	177 to 182	°C	
Middle Temperature	177 to 182	°C	
Front Temperature	182 to 191	°C	
Nozzle Temperature	182 to 191	°C	
Processing (Melt) Temp	< 188	°C	
Mold Temperature	15.6 to 76.7	°C	

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Recommended distributors for this material

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