

# Luxus PA 100005

Polyamide 6

Luxus Limited

## Message:

Suitable for general injection mouldings requiring good visual appearance. Applications include automotive components.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 30% filler by weight		
Recycled Content	Yes		
Features	Good appearance		
Uses	Application in Automobile Field		
Appearance	Black		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (235°C/2.16 kg)	15 - 38	g/10 min	ISO 1133
Relative Viscosity	1.70		
Drying Time	3.0	hr	
Drying Temperature	100	°C	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strain (Break)	5.0	%	ISO 527-2
Flexural Modulus	4200 - 8300	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	4.5 - 8.0	kJ/m²	ISO 180
Multi-Axial Instrumented Impact Peak Force	2700 - 5400	N	ISO 527
Injection	Nominal Value	Unit	
Drying Temperature	90.0	°C	
Drying Time	4.0	hr	
Rear Temperature	220 - 240	°C	
Middle Temperature	230 - 250	°C	
Front Temperature	230 - 260	°C	
Nozzle Temperature	230 - 260	°C	
Mold Temperature	60.0 - 90.0	°C	
Injection instructions			

Barrel residence time: 30 sec to 2 min

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Recommended distributors for this material

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