

ESTOPLAST XU 6400BB01

Polyamide 66

Ester Industries Ltd.

Message:

Polyamide 66 - Unfilled, Flame Retardant

Automotive: Electrical components and connectors

Electrical & Electronic: Low voltage switch gear/power distribution, Lighting, Power connectors , MCCB

General Information			
Additive	demoulding		
	Flame retardancy		
Features	Good demoulding performance		
	Flame retardancy		
Uses	Lighting Applications		
	Electrical/Electronic Applications		
	Connector		
	Application in Automobile Field		
Appearance	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm ³	ASTM D792
Water Absorption			ISO 62
Saturated, 23°C	1.5	%	ISO 62
Equilibrium, 23°C, 50% RH	2.8	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	64.0	MPa	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Strength	106	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	45	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	68.0	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.5 mm)	V-0		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	85 - 90	°C	

Drying Time	3.0 - 4.0	hr
Rear Temperature	260 - 270	°C
Middle Temperature	275 - 285	°C
Nozzle Temperature	280 - 290	°C
Processing (Melt) Temp	275 - 285	°C
Mold Temperature	60 - 80	°C

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Recommended distributors for this material

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