

ESTOPLAST XU 6520NN01

Polyamide 66
Ester Industries Ltd.

Message:

Polyamide 66 - Unfilled,
Automotive: Suspension Part, Electrical components and connectors
Electrical & Electronic: Low voltage switch gear/power distribution, Lighting, Power connectors

General Information			
Additive	demoulding		
Features	Good demoulding performance		
Uses	Lighting Applications		
	Electrical/Electronic Applications		
	Connector		
	Application in Automobile Field		
RoHS Compliance	RoHS compliance		
Appearance	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.08	g/cm ³	ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	47.0	MPa	ASTM D638
Tensile Elongation (Break)	35	%	ASTM D638
Flexural Strength	68.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	700	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	210	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	85 - 90	°C	
Drying Time	3.0 - 4.0	hr	
Rear Temperature	275 - 285	°C	
Middle Temperature	285 - 295	°C	
Nozzle Temperature	270 - 280	°C	
Processing (Melt) Temp	275 - 285	°C	
Mold Temperature	55 - 80	°C	

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Recommended distributors for this material

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