

ESTOPLAST XU 6100HSNN01

Polyamide 66

Ester Industries Ltd.

Message:

Polyamide 66 - Unfilled

Automotive: Intake manifold, Powertrain, Electrical components and connectors

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

General Information			
Additive	heat stabilizer		
	demoulding		
Features	Thermal Stability		
	Good demoulding performance		
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	1.13	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)	73.0	MPa	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Strength	115	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	65	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	205	°C	ASTM D648
1.8 MPa, not annealed	70.0	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	85 - 90	°C	
Drying Time	3.0 - 4.0	hr	

Rear Temperature	270 - 285	°C
Middle Temperature	280 - 295	°C
Nozzle Temperature	280 - 290	°C
Processing (Melt) Temp	275 - 285	°C
Mold Temperature	55 - 80	°C

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

