

ESTOPLAST XU 6233BB01

Polyamide 66

Ester Industries Ltd.

Message:

Polyamide 66 - Glass Fiber Reinforced, 33%

Automotive: Fuel Circuit Part, Housing, Electric Motor Part, Exterior trim, Interior trim and Electrical components

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

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 33% filler by weight		
Additive	demoulding		
Features	Good demoulding performance		
Uses	Electrical/Electronic Applications		
	Connector		
	Application in Automobile Field		
	Car interior equipment		
	Car exterior decoration		
	Shell		
Appearance	Black		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.40	g/cm ³	ASTM D792
Water Absorption			ISO 62
Saturated, 23°C	4.5	%	ISO 62
Equilibrium, 23°C, 50% RH	1.3	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	110	MPa	ASTM D638
Tensile Elongation (Break)	3.2	%	ASTM D638
Flexural Strength	170	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	40	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	235	°C	ASTM D648
1.8 MPa, not annealed	225	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.5 mm)	HB		UL 94
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

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

