

ESTOPLAST SR 1500BL31

Acrylonitrile Butadiene Styrene

Ester Industries Ltd.

Message:

Acrylonitrile Butadiene styrene - Unfilled, Blue

Electrical & Electronic: Electrical Enclosure/ Housing/ Covers/ Fuse box , UPS Cover

General Information			
Additive	demoulding		
Features	Good demoulding performance		
Uses	Electrical/Electronic Applications Shell		
RoHS Compliance	RoHS compliance		
Appearance	Blue		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	20	g/10 min	ASTM D1238
Water Absorption (Equilibrium, 23°C, 50% RH)	0.50	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2100	MPa	ASTM D638
Tensile Strength (Yield)	45.0	MPa	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	2300	MPa	ASTM D790
Flexural Strength	70.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	200	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	85.0	°C	ASTM D648
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.5 mm)	HB		UL 94
Injection	Nominal Value	Unit	Test Method
Drying Temperature	80 - 90	°C	
Drying Time	3.0 - 4.0	hr	
Rear Temperature	200 - 210	°C	
Middle Temperature	220 - 230	°C	

Nozzle Temperature	230 - 240	°C
Processing (Melt) Temp	230 - 240	°C
Mold Temperature	40 - 60	°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

