

ESTOPLAST SR 1500IY01

Acrylonitrile Butadiene Styrene
Ester Industries Ltd.

Message:

Acrylonitrile Butadiene styrene - Unfilled, Ivory
Electrical & Electronic: Electrical Enclosure/ Housing/ Covers/ Fuse box

General Information			
Additive	demoulding		
Features	Good demoulding performance		
Uses	Electrical/Electronic Applications		
	Shell		
RoHS Compliance	RoHS compliance		
Appearance	Ivory		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.08	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (220°C/10.0 kg)	15	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)	40.0	MPa	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	2300	MPa	ASTM D790
Flexural Strength	75.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	190	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		Test Method
Flame Rating (1.5 mm)	HB		UL 94
Injection	Nominal Value	Unit	
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

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