

ESTOPLAST ZK 8002BB11

Polycarbonate + ABS
Ester Industries Ltd.

Message:
Polycarbonate-Acrylonitrile Butadiene Styrene Unfilled, Black
Electrical & Electronics: Industrial Control components

General Information			
Additive	demoulding		
	UV stabilizer		
Features	UV Stabilized		
	Impact resistance, high		
	Good liquidity		
	Good demoulding performance		
Uses	Electrical/Electronic Applications		
RoHS Compliance	RoHS compliance		
Appearance	Black		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	20	g/10 min	ASTM D1238
shrinkage-Flow	0.60 - 0.70	%	ISO 294-4
Water Absorption (23°C, 24 hr)	0.20	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	53.0	MPa	ASTM D638
Tensile Elongation (Break)	30	%	ASTM D638
Flexural Strength	88.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	380	J/m	ASTM D256A
Unnotched Izod Impact	No Break		ASTM D256
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	105	°C	ASTM D648 ¹
Flammability	Nominal Value		Test Method
Flame Rating (3.0 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	90 - 100	°C	
Drying Time	3.0 - 4.0	hr	

Rear Temperature	245 - 255	°C
Middle Temperature	265 - 275	°C
Nozzle Temperature	265 - 275	°C
Processing (Melt) Temp	260 - 270	°C
Mold Temperature	60 - 90	°C

NOTE

1. 标准 B (120°C/h)

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