

ESTOPLAST ZK 8505NN01

Polycarbonate + ABS

Ester Industries Ltd.

Message:

Polycarbonate-Acrylonitrile Butadiene Styrene, Unfilled, Natural

Automotive Applications: External Parts

Electrical & Electronics and Appliance components

General Information			
Additive	demoulding		
	UV stabilizer		
Features	UV Stabilized		
	Impact resistance, good		
	Good liquidity		
	Good demoulding performance		
Uses	Electrical/Electronic Applications		
	Home appliance components		
	Application in Automobile Field		
	Automotive exterior parts		
RoHS Compliance	RoHS compliance		
Appearance	Natural color		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	10	g/10 min	ASTM D1238
shrinkage-Flow	0.60 - 0.70	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2200	MPa	ASTM D638
Tensile Strength (Yield)	55.0	MPa	ASTM D638
Tensile Elongation (Break)	50	%	ASTM D638
Flexural Strength	88.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	430	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	120	°C	ASTM D648
1.8 MPa, not annealed	110	°C	ASTM D648

Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index	350	V	IEC 60112
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.5 mm)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80 - 100	°C	
Drying Time	3.0 - 4.0	hr	
Rear Temperature	250 - 260	°C	
Middle Temperature	265 - 275	°C	
Nozzle Temperature	270 - 280	°C	
Processing (Melt) Temp	265 - 275	°C	
Mold Temperature	60 - 90	°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

