

KumhoSunny PBT/ABS HAB8740B

Acrylonitrile Butadiene Styrene + PBT
Shanghai KumhoSunny Plastics Co., Ltd.

Message:
HAB8740B is blow molding,middle heat resistance PBT/ABS resin. HAB8740B has high tenacity in normal and low temperature and high chem-resistance. HAB8740B is mainly used in automobile parts, copier machine, printer housing, electric & electron parts etc.

General Information			
Features	Good Chemical Resistance		
	Medium Heat Resistance		
Uses	Automotive Applications		
	Blow Molding Applications		
	Electrical Parts		
	Electrical/Electronic Applications		
	Housings		
	Printer		
UL File Number	E254819		
Forms	Pellets		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (250°C/5.0 kg)	5.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.50 to 0.80	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	46.0	MPa	ASTM D638
Tensile Elongation (Break)	140	%	ASTM D638
Flexural Modulus	1850	MPa	ASTM D790
Flexural Strength	64.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	650	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	90.0	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	> 1.0E+15	ohms	IEC 60093
Volume Resistivity	> 1.0E+15	ohms · cm	IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.60 mm)	HB		UL 94
Injection	Nominal Value	Unit	

Drying Temperature	90.0 to 100	°C
Drying Time	3.0 to 5.0	hr
Processing (Melt) Temp	230 to 260	°C
Mold Temperature	50.0 to 80.0	°C

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