

# KumhoSunny PC/AES HEC0255B

Acrylonitrile Ethylene Styrene + PC  
Shanghai KumhoSunny Plastics Co., Ltd.

Message:  
HEC0255B is blowing grade PC/AES resin. HEC0255B has excellent processing properties. HEC0255B is mainly used in automobile spoiler, bumper guard, etc.

General Information			
Features	Good Processability		
Uses	Automotive Applications		
	Blow Molding Applications		
Forms	Pellets		
Processing Method	Blow Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.11	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/10.0 kg)	12	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.40 to 0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	55.0	MPa	ASTM D638
Tensile Elongation (Break)	80	%	ASTM D638
Flexural Modulus	2100	MPa	ASTM D790
Flexural Strength	75.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	600	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	106	°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
Injection	Nominal Value	Unit	
Drying Temperature	95.0 to 105	°C	
Drying Time	3.0 to 4.0	hr	
Processing (Melt) Temp	220 to 265	°C	
Mold Temperature	50.0 to 80.0	°C	

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