

AIE PC/ABS A2200FR-5008

Polycarbonate + ABS

Asia International Enterprise (Hong Kong) Limited

Message:

AIE PC/ABS A2200FR-5008 is a Polycarbonate + ABS (PC+ABS) material. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America for injection molding.

Important attributes of AIE PC/ABS A2200FR-5008 are:

- Flame Rated
- RoHS Compliant
- Flame Retardant

General Information			
Features	Flame Retardant		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (300°C/1.2 kg)	16	g/10 min	ISO 1133
Molding Shrinkage	0.50 to 0.80	%	Internal Method
Water Absorption (23°C, 24 hr)	0.30	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	55.0	MPa	ISO 527-2
Tensile Strain (Break)	55	%	ISO 527-2
Flexural Modulus	1980	MPa	ISO 178
Flexural Stress	80.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength (23°C)	35	kJ/m ²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	98.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	88.0	°C	ISO 75-2/A
Flammability	Nominal Value	Test Method	
Flame Rating (1.50 mm)	V-0	UL 94	
Injection	Nominal Value	Unit	
Drying Temperature	100 to 105	°C	
Drying Time	3.0 to 4.0	hr	
Processing (Melt) Temp	220 to 270	°C	
Mold Temperature	80.0 to 110	°C	
Injection Pressure	40.0 to 100	MPa	

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Recommended distributors for this material

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