

General Information

Description

JH-370B is high impact block copolymer with high ethylene content as co-monomer.

This grade is designed to be processed in conventional Injection molding equipment and base resin for compounding.

JH-370B shows extremely high impact resistance at low temperature, low blush property, antistatic property and has also high strength.

Applications

- ◆ General articles, Home appliances
- ◆ Crate box etc.

Physical Properties ¹					
Physical	Test Method	Nominal Values			
Melt Flow Index	ASTM D1238	27	g/10min		
Density	ASTM D792	0.9	g/cm ³		
Mechanical					
Tensile Stress (Yield)	ASTM D638	220	kgf/cm ²	22	MPa
Tensile Strain (Break)	ASTM D638	>100	%	>100	%
Flexural Modulus	ASTM D790	10,500	kgf/cm ²	1,030	MPa
Impact					
Notched Izod Impact Strength (23℃)	ASTM D256	10.0	kgf-cm/cm	108	J/m
Notched Izod Impact Strength (-10℃)	ASTM D256	4.5	kgf-cm/cm	54	J/m
Thermal					
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	90	℃		
Additional Properties					
Flammability	UL94	HB			

NOTE

ISO 9001, 14001, /TS 16949

¹ Physical Properties : these are not to be construed as specifications

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Physical Properties ¹					
Physical	Test Method	Nominal Values			
Melt Flow Index	ISO 1133	27	g/10min		
Density	ISO 1183	0.9	g/cm ³		
Mechanical					
Tensile Stress (Yield)	ISO 527-1	210	kgf/cm ²	21	MPa
Tensile Strain (Break)	ISO 527-1	>100	%	>100	%
Flexural Modulus	ISO 178	8,500	kgf/cm ²	830	MPa
Impact					
Notched Izod Impact Strength (23℃)	ISO 180	9	kgf-cm/cm	88	J/m
Notched Izod Impact Strength (-10℃)	ISO 180	4	kgf-cm/cm	39	J/m
Thermal					
Heat Deflection Temperature (4.6kgf/cm ²)	ISO 75-1	70	℃		
Additional Properties					
Flammability	UL94	HB			

NOTE

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