

KOPELEN JH-330B

PP BLOCK COPOLYMER

General Information

Description

JH-330B is high impact block copolymer with high ethylene content as co-monomer. This grade is designed to be processed in conventional Injection molding equipment. JH-330B shows extremely high impact resistance at low temperature and has also low blush characteristic. JH-330B contains UV stabilizer.

Applications

- ◆Crate, Pallet
- ◆Safety Block, Toy, General Merchandise etc.

Physical Properties¹

Physical	Test Method	Nominal Values			
Melt Flow Index	ASTM D1238	4.0	g/10min		
Density	ASTM D792	0.9	g/cm ³		
Mechanical					
Tensile Stress (Yield)	ASTM D638	230	kgf/cm ²	23	MPa
Tensile Strain (Break)	ASTM D638	>100	%	>100	%
Flexural Modulus	ASTM D790	11,000	kgf/cm ²	1,130	MPa
Impact					
Notched Izod Impact Strength (23 °C)	ASTM D256	30.0	kgf-cm/cm	294	J/m
Notched Izod Impact Strength (-10 °C)	ASTM D256	6.5	kgf-cm/cm	64	J/m
Thermal					
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	100	°C		
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 Properties¹

Physical	Test Method	Nominal Values			
Melt Flow Index	ISO 1133	4.0	g/10min		
Density	ISO 1183	0.9	g/cm ³		
Mechanical					
Tensile Stress (Yield)	ISO 527-1	220	kgf/cm ²	22	MPa
Tensile Strain (Break)	ISO 527-1	>100	%	>100	%
Flexural Modulus	ISO 178	9,000	kgf/cm ²	880	MPa
Impact					
Notched Izod Impact Strength (23 °C)	ISO 180	27	kgf-cm/cm	265	J/m
Notched Izod Impact Strength (-10 °C)	ISO 180	6	kgf-cm/cm	59	J/m
Thermal					
Heat Deflection Temperature (4.6kgf/cm ²)	ISO 75-1	80	°C		
Additional Properties					
Flammability	UL94	HB			

NOTE

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