

KOPELEN J-370A

PP BLOCK COPOLYMER

General Information

Description

J-370A is high impact block copolymer which has high ethylene-propylene rubber content. This grade is designed to be processed in Injection molding equipments by improvement in mold release and anti-static.

J-370A show high melt flow, low blush and has good balance of strength, impact resistance.

Applications

- ◆ home appliances case & cover, humidity-absorption container
- ◆ Base resin for compounding

Physical Properties¹

Physical	Test Method	Nominal Values			
Melt Flow Index	ASTM D1238	35	g/10min		
Density	ASTM D792	0.90	g/cm ³		
Mechanical					
Tensile Stress (Yield)	ASTM D638	270	kgf/cm ²	26	MPa
Tensile Strain (Break)	ASTM D638	>50	%	>50	%
Flexural Modulus	ASTM D790	15,000	kgf/cm ²	1,470	MPa
Impact					
Notched Izod Impact Strength (23 °C)	ASTM D256	6.0	kgf-cm/cm	58	J/m
Notched Izod Impact Strength (-10 °C)	ASTM D256	3.0	kgf-cm/cm	29	J/m
Thermal					
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	125	°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	35	g/10min		
Density	ISO 1183	0.90	g/cm ³		
Mechanical					
Tensile Stress (Yield)	ISO 527-1	260	kgf/cm ²	25	MPa
Tensile Strain (Break)	ISO 527-1	<100	%	<100	%
Flexural Modulus	ISO 178	13,000	kgf/cm ²	1,270	MPa
Impact					
Notched Izod Impact Strength (23 °C)	ISO 180	5.5	kgf-cm/cm	54	J/m
Notched Izod Impact Strength (-10 °C)	ISO 180	2.5	kgf-cm/cm	25	J/m
Thermal					
Heat Deflection Temperature (4.6kgf/cm ²)	ISO 75-1	105	°C		
Additional Properties					
Flammability	UL94	HB			

NOTE

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