

KOPELEN JM-370S

PP BLOCK COPOLYMER

General Information

Description

JM-370S 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.

JM-370S show high melt flow and has good balance of strength, impact resistance.

Applications

- ◆ General household goods, humidity-absorption container
- ◆ Home appliances etc.

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	14,000	kgf/cm ²	1,370	MPa
Impact					
Notched Izod Impact Strength (23℃)	ASTM D256	7.5	kgf-cm/cm	74	J/m
Notched Izod Impact Strength (-10℃)	ASTM D256	4.0	kgf-cm/cm	39	J/m
Thermal					
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	110	℃		
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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