

General Information

Description

JM-370K is high impact block copolymer which has high ethylene-propylene rubber content. This grade is designed to be processed in huge Injection molding equipments by improvement in mold release and anti-static. JM-370K show high melt flow and has good balance of strength, impact resistance.

Applications

- ◆ Huge home appliances case & cover
- ◆ Base resin for compounding

Physical Properties¹

Physical	Test Method	Nominal Values			
Melt Flow Index	ASTM D1238	30	g/10min		
Density	ASTM D792	0.90	g/cm³		
Mechanical					
Tensile Stress (Yield)	ASTM D638	270	kgf/cm²	26	MPa
Tensile Strain (Break)	ASTM D638	>50	%	>50	%
Flexural Modulus	ASTM D790	14,000	kgf/cm²	1,370	MPa
Impact					
Notched Izod Impact Strength (23 °C)	ASTM D256	8.5	kgf-cm/cm	83	J/m
Notched Izod Impact Strength (-10 °C)	ASTM D256	4.5	kgf-cm/cm	44	J/m
Thermal					
Heat Deflection Temperature (4.6kgf/cm²)	ASTM D648	115	°C		
Additional Properties					
Flammability	UL94	-			

NOTE

ISO 9001, 14001, /TS 16949

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Applications

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Physical Properties¹

Physical	Test Method	Nominal Values			
Melt Flow Index	ISO 1133	30	g/10min		
Density	ISO 1183	0.90	g/cm³		
Mechanical					
Tensile Stress (Yield)	ISO 527-1	260	kgf/cm²	25	MPa
Tensile Strain (Break)	ISO 527-1	<100	%	<100	%
Flexural Modulus	ISO 178	12,000	kgf/cm²	1,180	MPa
Impact					
Notched Izod Impact Strength (23℃)	ISO 180	7.5	kgf-cm/cm	74	J/m
Notched Izod Impact Strength (-10℃)	ISO 180	4	kgf-cm/cm	39	J/m
Thermal					
Heat Deflection Temperature (4.6kgf/cm²)	ISO 75-1	95	℃		
Additional Properties					
Flammability	UL94	-			

NOTE

ISO 9001, 14001, /TS 16949