

KOPELEN JM-370N

PP BLOCK COPOLYMER

General Information

Description

JM-370N is a nucleated impact block copolymer which is produced by adding a heterophasic structure inside homo polypropylene.

This grade is designed to be processed in conventional Injection molding equipment.

JM-370N shows good processability, high impact strength and stiffness, and super strength and excellent heat stability.

Applications

- ◆ High quality housewares, Industrial parts, Automotive parts
- ◆ Home appliance, Thin-wall container 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	<100	%	<100	%
Flexural Modulus	ASTM D790	16,000	kgf/cm ²	1,569	MPa
Impact					
Notched Izod Impact Strength (23℃)	ASTM D256	6.0	kgf-cm/cm	59	J/m
Notched Izod Impact Strength (-10℃)	ASTM D256	3.0	kgf-cm/cm	29	J/m
Thermal					
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	130	℃		

NOTE

ISO 9001, 14001, /TS 16949

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