

KOPELEN JM-350N

PP BLOCK COPOLYMER

General Information

Description

JM-350N is high impact block copolymer which has more ethylene contents than normal block copolymer.

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

JM-350N shows better impact resistance than normal block copolymer and has good physical property balance.

Applications

- ◆ Bobbin, Battery Case, Industrial supplies
- ◆ Automotive compound base resin

Physical Properties¹

Physical	Test Method	Nominal Values			
Melt Flow Index	ASTM D1238	10	g/10min		
Density	ASTM D792	0.9	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	14,500	kgf/cm ²	1,420	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	4.0	kgf·cm/cm	39	J/m
Thermal					
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	115	°C		
Additional Properties					
Flammability	UL94	HB			

NOTE

ISO 9001, 14001, /TS 16949

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