

KOPELEN JM-380UN

PP BLOCK COPOLYMER

General Information

Description

JM-380UN 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-380UN shows Ultra high melt flow, controlled rheology and has medium impact resistance and high strength and stiffness.

This grade is appropriate for energy saving and multi-cavity injection molding.

Applications

- ◆ General domestic supplies
- ◆ Base resin for automotive parts

Physical Properties¹

Physical	Test Method	Nominal Values			
Melt Flow Index	ASTM D1238	60	g/10min		
Density	ASTM D792	0.90	g/cm ³		
Mechanical					
Tensile Stress (Yield)	ASTM D638	260	kgf/cm ²	25	MPa
Tensile Strain (Break)	ASTM D638	>10	%	>10	%
Flexural Modulus	ASTM D790	15,000	kgf/cm ²	1,470	MPa
Impact					
Notched Izod Impact Strength (23℃)	ASTM D256	7.5	kgf·cm/cm	74	J/m
Notched Izod Impact Strength (-10℃)	ASTM D256	3.5	kgf·cm/cm	34	J/m
Thermal					
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	120	℃		
Additional Properties					
Flammability	UL94	-			

NOTE

ISO 9001, 14001, /TS 16949

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

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