

KOPELEN JM-370UN

Polypropylene Impact Copolymer

Lotte Chemical Corporation

Message:

JM-370UN 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-370UN shows high melt flow has medium impact resistance and high strength and stiffness.

JM-370UN has good physical property balance and weathering resistance.

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

General Information			
Features	Block Copolymer		
	Good Weather Resistance		
	High Flow		
	High Stiffness		
	High Strength		
	Medium Impact Resistance		
Uses	Electrical/Electronic Applications		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	25.5	MPa	ASTM D638
Tensile Elongation (Break)	> 50	%	ASTM D638
Flexural Modulus	1470	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-10°C	34	J/m	
23°C	74	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	120	°C	ASTM D648

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