

KOPELEN JM-380

Polypropylene Impact Copolymer

Lotte Chemical Corporation

Message:

JM-380 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-380 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.

General Information			
Features	Block Copolymer		
	Controlled Rheology		
	High Flow		
	High Stiffness		
	High Strength		
	Medium Impact Resistance		
Uses	Automotive 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)	60	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	25.5	MPa	ASTM D638
Tensile Elongation (Break)	> 10	%	ASTM D638
Flexural Modulus	1270	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-10°C	29	J/m	
23°C	59	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	105	°C	ASTM D648

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