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/cm³	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

Recommended distributors for this material

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