

KOPELEN JM-390

Polypropylene Impact Copolymer

Lotte Chemical Corporation

Message:

JM-390 is high impact block copolymer which has high ethylene-propylene rubber content.

This grade is designed to be processed in huge Injection molding equipments by improvement in mold release and anti-static.

JM-390 shows high melt flow and has good balance of strength, impact resistance.

General Information			
Features	Antistatic		
	Block Copolymer		
	Good Impact Resistance		
	Good Mold Release		
	Good Strength		
	High Flow		
Uses	Appliances		
	Household Goods		
	Thin-walled Parts		
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)	80	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	23.5	MPa	ASTM D638
Tensile Elongation (Break)	< 100	%	ASTM D638
Flexural Modulus	1520	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-10°C	25	J/m	
23°C	49	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	125	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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