

KOPELEN J-380A

Polypropylene Impact Copolymer

Lotte Chemical Corporation

Message:

J-380A 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.

J-380A show high melt flow and has good balance of strength, impact resistance.

General Information			
UL YellowCard	E85371-251713		
Features	Antistatic		
	Block Copolymer		
	Good Impact Resistance		
	Good Mold Release		
	Good Strength		
Uses	High Flow		
	Appliances		
	Household Goods		
	Thin-walled Parts		
RoHS Compliance	RoHS Compliant		
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)	23.5	MPa	ASTM D638
Tensile Elongation (Break)	> 10	%	ASTM D638
Flexural Modulus	1470	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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