

# KOPELEN JI-320

Polypropylene Impact Copolymer

Lotte Chemical Corporation

Message:

JI-320 is impact block copolymer with ethylene content as co-monomer.  
This grade is designed to be processed in conventional Injection molding equipment.  
JI-320 shows good impact resistance at low temperature and has also high strength.  
It has broad range of property, and is used from industrial supplies to automotive compound base resin.

General Information			
UL YellowCard	E85371-251719		
Features	Block Copolymer		
	Good Impact Resistance		
	High Strength		
	Low Temperature Impact Resistance		
Uses	Automotive Applications		
	Industrial Applications		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.8	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	28.4	MPa	ASTM D638
Tensile Elongation (Break)	> 100	%	ASTM D638
Flexural Modulus	1180	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-10°C	34	J/m	
23°C	110	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	105	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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