

## KOPELEN JI-360

## PP BLOCK COPOLYMER

### General Information

#### Description

JI-360 is impact block copolymer with ethylene content as co-monomer.  
This grade is designed to be processed in conventional Injection molding equipment.  
JI-360 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.

#### Applications

- ◆ General supplies & Industrial supplies
- ◆ Automotive compound base resin

Physical Properties <sup>1</sup>					
Physical	Test Method	Nominal Values			
Melt Flow Index	ASTM D1238	18	g/10min		
Density	ASTM D792	0.90	g/cm <sup>3</sup>		
Mechanical					
Tensile Stress (Yield)	ASTM D638	270	kgf/cm <sup>2</sup>	26	MPa
Tensile Strain (Break)	ASTM D638	>100	%	>100	%
Flexural Modulus	ASTM D790	13,000	kgf/cm <sup>2</sup>	1,270	MPa
Impact					
Notched Izod Impact Strength (23℃)	ASTM D256	7.0	kgf·cm/cm	69	J/m
Notched Izod Impact Strength (-10℃)	ASTM D256	3.0	kgf·cm/cm	29	J/m
Thermal					
Heat Deflection Temperature (4.6kgf/cm <sup>2</sup> )	ASTM D648	105	℃		
Additional Properties					
Flammability	UL94	HB			

### NOTE

ISO 9001, 14001, /TS 16949

<sup>1</sup> Physical Properties : these are not to be construed as specifications

www.lottechem.com