

# KOPELEN J-330S

Polypropylene Impact Copolymer

Lotte Chemical Corporation

## Message:

J-330S is impact block copolymer which has ethylene-propylene rubber inside homo polypropylene.  
This grade can be processed by extrusion and thermoforming. J-330S shows good impact resistance at low temperature and has also high strength.  
It has good vacuum molding property, suitable for the production of vacuum molding goods.  
J-330S is mainly applied to straw for drinking.

General Information			
Features	Block Copolymer		
	Good Impact Resistance		
	High Strength		
	Low Temperature Impact Resistance		
Uses	Blow Molding Applications		
	Drinking Straws		
Processing Method	Blow Molding		
	Extrusion		
	Thermoforming		
	Vacuum Forming		
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)	4.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	27.5	MPa	ASTM D638
Tensile Elongation (Break)	> 100	%	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	88	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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