

KOPELEN JSS-370N

Polypropylene Impact Copolymer

Lotte Chemical Corporation

Message:

JSS-370N is a nucleated impact block copolymer which is produced by adding a heterophasic structure inside homo polypropylene.

This grade is designed to be processed in conventional Injection molding equipment.

JSS-370N shows good processability, high impact strength and stiffness, and super strength and excellent heat stability.

General Information			
Additive	Nucleating Agent		
Features	Block Copolymer		
	Good Processability		
	Good Thermal Stability		
	High Impact Resistance		
	High Stiffness		
	High Strength		
	Nucleated		
Uses	Appliances		
	Automotive Applications		
	Household Goods		
	Industrial Applications		
	Thin-walled Containers		
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)	30	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	31.4	MPa	ASTM D638
Tensile Elongation (Break)	> 10	%	ASTM D638
Flexural Modulus	1960	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-10°C	29	J/m	
23°C	59	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	135	°C	ASTM D648
Flammability	Nominal Value		Test Method

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