

JSS-380N

PP BLOCK COPOLYMER

General Information

Description

JSS-380N 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-380N shows good processability, high impact strength and stiffness, and super strength and excellent heat stability.

Applications

- ◆ High quality housewares, Industrial parts, Automotive parts
- ◆ Home appliance, Thin-wall container, Compound base resin etc.

Physical Properties ¹					
Physical	Test Method	Nominal Values			
Melt Flow Index	ASTM D1238	60	g/10min		
Density	ASTM D792	0.90	g/cm ³		
Mechanical					
Tensile Stress (Yield)	ASTM D638	320	kgf/cm ²	31	MPa
Tensile Strain (Break)	ASTM D638	< 100	%	< 100	%
Flexural Modulus	ASTM D790	19,000	kgf/cm ²	1,865	MPa
Impact					
Notched IZOD Impact Strength (23 °C)	ASTM D256	6.5	kgf·cm/cm	64	J/m
Notched IZOD Impact Strength (-10 °C)	ASTM D256	2.5	kgf·cm/cm	24.5	J/m
Thermal					
Heat Deflection Temperature (4.6kgf/cm ²)	ASTM D648	135	°C		

NOTE

ISO 9001, 14001, /TS 16949

¹ Physical Properties : these are not to be construed as specifications