J-170

Polypropylene (Homopolymer)

Product Description

J-170 is a polypropylene homopolymer and is designed suitable for injection molding.
J-170 offers excellent heat resistance and stiffness. It is typically used in production of housewares and the general supplies.

Key Features

- Heat resistance
- Stiffness
- Scratch resistance

Applications

- Housewares and general supplies

Typical Properties

Item		Measuring Method		Value	Unit
Physical	Melt Flow Index (230℃, 2.16㎏)	ASTM	D1238	25	g/10min
	Density	ASTM	D1505	0.9	g/cm^3
Mechanical	Tensile Stress (Yield)	ASTM	D638	360	kgf/cm^2
	Tensile Strain (Break)	ASTM	D638	> 100	%
	Flexural Modulus	ASTM	D790	17,000	kgf/cm^2
	Notched Izod Impact Strength (23℃)	ASTM	D256	2.5	kgf·cm/cm
	Heat Deflection Temp. (4.6kgf/cm^2)	ASTM	D648	120	℃

• NOTE : These are not to be construed as specifications

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