GJ-160

Polypropylene (Homopolymer)

Product Description

GJ-160 is a polypropylene homopolymer produced by the Unipol process, and is designed suitable for injection molding. GJ-160 offers excellent heat resistance and surface strength. It is typically used in production of housewares and the general supplies.

Key Features

- Heat resistance
- Surface strength
- Scratch resistance

Applications

- Housewares and general supplies

Typical Properties

Item		Measuring Method		Value	Unit
Physical	Melt Flow Index (230℃, 2.16㎏)	ASTM	D1238	16	g/10min
	Density	ASTM	D1505	0.9	g/cm^3
Mechanical	Tensile Stress (Yield)	ASTM	D638	350	kgf/cm^2
	Tensile Strain (Break)	ASTM	D638	≥100	%
	Flexural Modulus	ASTM	D790	16,000	kgf/cm^2
	Notched Izod Impact Strength (23℃)	ASTM	D256	3.0	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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