GJ-583

Polypropylene (Random Copolymer)

LOTTE CHEMICAL

Product Description

GJ-583 is a polypropylene Random Copolymer produced by the Unipol process, and is designed suitable for injection molding. GJ-583 is designed to be processed in conventional injection molding equipment and offers excellent traansparency.

Key Features

- High Transparency
- High flow

Applications

- Cosmetics container & Cap, Food container
- Transparent case, Stationery, Household goods

Typical Properties

Item		Measuring Method		Value	Unit
Physical	Melt Flow Index (230℃, 2.16㎏)	ASTM	D1238	70	g/10min
	Density	ASTM	D1505	0.9	g/cm^3
Mechanical	Tensile Stress (Yield)	ASTM	D638	270	kgf/cm^2
	Tensile Strain (Break)	ASTM	D638	> 100	%
	Flexural Modulus	ASTM	D790	11,000	kgf/cm^2
	Notched Izod Impact Strength (23℃)	ASTM	D256	3.3	kgf·cm/cm
	Heat Deflection Temp. (4.6kgf/cm^2)	ASTM	D648	90	℃
Optical	Haze	ASTM	D1003	20	%

• NOTE : These are not to be construed as specifications