

GJ-594

Polypropylene (Random Copolymer)



Product Description

GJ-594 is a polypropylene Random Copolymer produced by the Unipol process, and is designed suitable for injection molding. GJ-594 is designed to be processed in conventional injection molding equipment and offers excellent transparency.

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°C, 2.16kg)	ASTM	D1238	100	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°C)	ASTM	D256	3.0	kgf·cm/cm
	Heat Deflection Temp. (4.6kgf/cm ²)	ASTM	D648	90	°C
Optical	Haze	ASTM	D1003	20	%

• NOTE : These are not to be construed as specifications

*Disclaimer : All information in this document is for reference only and is not a final product specification. The content of this document is not legally binding and suitability issues regarding final use must be determined by the user, and the user alone is responsible for the outcome. The values and information specified in this document may change without prior notice for quality enhancement of the product.