

# PP

## High Impact PP for Injection Molding

### ▶ BJ700

#### ● Description

**Samsung Total BJ700** is high impact PPs for injection molding application. They show an easy processability and an excellent stiffness combined with good impact strength. They can use various applications due to the well balanced mechanical property and processability

#### ● Characteristics & Applications

- ▶ Good processability
- ▶ High stiffness & impact strength
- ▶ Excellent appearance (gas mark & void etc.)
  - E&E parts, battery case, containers, industrial parts, toys

#### ● Physical Properties

Typical Properties	Method (ASTM)	Unit	BJ700
Melt flow index	D1238	g/10min	25
Density	D1505	g/cm <sup>3</sup>	0.91
Tensile strength at yield	D638	kg/cm <sup>2</sup>	290
Elongation at break	D638	%	>150
Flexural modulus	D790	kg/cm <sup>2</sup>	13,500
Izod impact strength at	D256	Kgcm /cm	23 °C
			0 °C
			-20 °C
Rockwell hardness	D785	R-scale	85
Heat distortion temperature	D648	°C	105

\* Data shown above are representative values for reference purposes only, and not to be construed as specifications

## ● **Food Contact Application**

- ▶ Samsung Total BJ700 meet the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.
- ▶ In case you might need additional technical or regulatory information, please contact Samsung Total Customer Service Team.

## ● **Other Information**

The information in this document can be used for reference only, not to be construed as specification. Customers are responsible for determine whether our product and information is suitable for their particular purpose and for the compliance with related law.

SAMSUNG TOTAL assumes no obligation or liability for the information in this document.

## ● **Contacts**

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### ▶ **Product Information & Technical Services**

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