

# PP

Block PP for Retort Pouch

## ► BI302

### ● Description

**BI302** is a high impact polypropylene designed for film application. Due to ethylene-propylene rubber design, BI302 shows high impact strength. Films made from this grade provide excellent mechanical strength, thus this grade is highly suited for retort pouch film application.

### ● Characteristics

- High impact strength
- Punch resistance
- Transparency

### ● Applications

- Retort pouch, Cast film

### ● Physical Properties

Typical Properties	Method (ASTM)	Unit	BI302
Melt flow index	D1238	g/10min	5.0
Density	D1505	g/cm <sup>3</sup>	0.91
Tensile strength at yield	D638	kg/cm <sup>2</sup>	260
Elongation at break	D638	%	>500
Flexural modulus	D790	kg/cm <sup>2</sup>	10,000
Izod impact strength at 23 °C	D256	kg•cm/cm	20
Rockwell hardness	D785	R-scale	60
Heat distortion temp.	D648	°C	105

## ● **Food Contact Application**

- ▶ Hanwha Total BI302 meets 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 Hanwha Total Polymer Technical Service Team.