

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 ³	0.91
Tensile strength at yield	D638	kg/cm ²	260
Elongation at break	D638	%	>500
Flexural modulus	D790	kg/cm ²	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

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

* Data performed by or on behalf of Hanwha Total.

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1 / 2



● **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.

● **Contacts**

▶ **Product Information & Technical Services**

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