# PP

# BI305

## High stiffness block PP for Film

### Application

Film, CPP film, Protective film, Retort Pouch

### Characteristics

Low Fisheye, Medium haze

### Physical properties

| Item | Test Method | Unit | Typical Value |
|---|---|---|---|
| Melt index | ASTM D1238 | g/10min | 5 |
| Density | ASTM D1505 | g/㎤ | 0.91 |
| Tensile strength (at yield) | ASTM D638 | kg/㎠ | 310 |
| Elongation (at break) | ASTM D638 | % | >500 |
| Flexural modulus | ASTM D790 | kg/㎠ | 14,500 |
| Izod Impact Strength (23℃) | ASTM D256 | kg ㎝/㎝ | 9 |
| Rockwell hardness | ASTM D785 | R scale | 80 |
| Heat deflection temperature | ASTM D648 | ℃ | 109 |

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

### Film properties

| Item | Test Method | Unit | Typical value |
|---|---|---|---|
| Haze | ASTM D1003 | % | 40 |
| Gloss (45°) | ASTM D2457 | % | 30 |

* Optical characteristics - 40 μm cast film (Processing temperature: 230°C)

### Certification

Hanwha TotalEnergies Petrochemical BI305 satisfies the 21 CFR 177.1520 regulations, the food packaging standards of the U.S. Food and Drug Administration(FDA). For further inquiries, please contact Customer Technical Service.

### Contact information

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