

PP

High Gloss Copolymer (MI=10)

► BU510

● Description

BU510 is an impact copolymer suitable for injection molding applications. It exhibits excellent gloss and mechanical properties. BU510 is manufactured using 'Hanwha Total PP Plus' technology.

● Characteristics

BU510 is specially designed for high gloss property. It shows similar gloss level with ABS. The grade has a high stiffness combined with good impact resistance. Scratch resistance and stress whitening resistance are much improved compared with general PP. Processability is excellent due to very broad molecular weight distribution.

● Applications

► Home appliance housing, V/C part, W/M part etc

● Physical Properties

| Typical Properties | Method (ASTM) | Unit | BU510 |
|------------------------------|---------------|--------------------|--------|
| Melt flow index | D1238 | g/10min | 10 |
| Density | D1505 | g/cm ³ | 0.91 |
| Tensile strength at yield | D638 | kg/cm ² | 400 |
| Elongation at break | D638 | % | 200 |
| Flexural modulus | D790 | kg/cm ² | 18,500 |
| Izod impact strength at 23°C | D256 | kgcm/cm | 9 |
| -20°C | | | 3 |
| Rockwell hardness | D785 | R-scale | 98 |
| Heat distortion temp. | D648 | °C | 130 |
| Gloss (60°) | D2457 | % | 88 |

* 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 www.cn-plas.com

● **Food Contact Application**

- ▶ Hanwha Total BU510 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** www.cn-plas.com

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