

PP

CSPP for film applications

▶ CF330

● Description

CF330 is a clear and super impact polypropylene designed for film applications. Ethylene-propylene rubber design and fine distribution of rubber are core technologies for clear & soft characteristics of CF330, which leads excellent impact strength/transparency balance and stress whitening resistance.

● Characteristics

- ▶ High transparency
- ▶ High impact strength
- ▶ Excellent stress whitening resistance

● Applications

- ▶ Retort pouch, Decoration sheet

● Film(70 μ m cast film) Properties

| | Test Method | Unit | CF330 |
|-------------|-------------|------|-------|
| Haze | ASTM D1003 | % | 9 |
| Gloss (45°) | ASTM D2457 | % | 52 |

* Processing temperature: 230 °C

Data performed by or on behalf of Hanwha Total

● **Physical Properties**

| Typical Properties | Method (ASTM) | Unit | CF330 |
|----------------------------|---------------|--------------------|-------|
| Melt flow index | D1238 | g/10min | 5.0 |
| Density | D1505 | g/cm ³ | 0.91 |
| Tensile strength at yield | D638 | kg/cm ² | 250 |
| Elongation at break | D638 | % | >500 |
| Flexural modulus | D790 | kg/cm ² | 9,500 |
| Izod impact strength 23 °C | D256 | kgcm/cm | 30 |
| Rockwell hardness | D785 | R-scale | 55 |
| Heat distortion temp. | D648 | °C | 105 |

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

● **Food Contact Application**

- ▶ Hanwha Total CF330 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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