

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 μm cast film) Properties

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

* Processing temperature: 230 °C

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● 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** www.cn-plas.com

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