

PP

Block copolymer for film application

▶ BF308

● Description

BF308 is a propylene-ethylene block copolymer designed for film applications required low fish eye level and high surface roughness. Well designed ethylene-propylene rubber & managing polymerization process to reduce contaminations gives BF308 an extremely low fish-eye level.

● Characteristics

- ▶ Extremely low fish-eye level
- ▶ High roughness
- ▶ Good release-ability

● Applications

- ▶ Protective films for IT industry, Skin layer for self-adhesive film
Adhesive coated film

● Film(40 μ m cast film) Properties

	Test Method	Unit	BF308
Haze	ASTM D1003	%	85
Gloss (45°)	ASTM D2457	%	10
Roughness (Ra)	Hanwha Total	μ m	0.65

* Processing temperature: 230 °C

Data performed by or on behalf of Hanwha Total



● **Physical Properties**

Typical Properties	Method (ASTM)	Unit	BF308
Melt flow index	D1238	g/10min	5.0
Density	D1505	g/cm ³	0.91
Tensile strength at yield	D638	kg/cm ²	290
Elongation at break	D638	%	>500
Flexural modulus	D790	kg/cm ²	13,500
Izod impact strength 23 °C	D256	kgcm/cm	12
Rockwell hardness	D785	R-scale	71
Heat distortion temp.	D648	°C	106

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

● **Food Contact Application**

- ▶ Hanwha Total BF308 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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