

PP

Homo PP for Casting Film

► HF409

● Description

HF409 is homo polypropylene for casting film. Especially HF409 is a high isotactic polypropylene, homopolymer having excellent heat resistance as well as superior flexural modulus.

● Characteristics

- Good Slipperiness
- high transparency

● Physical Properties

Typical Properties	Method (ASTM)	Unit	HF409
Melt flow index	D1238	g/10min	8.0
Density	D1505	g/cm ³	0.91
Tensile strength at yield	D638	kg/cm ²	410
Elongation at break	D638	%	400
Flexural modulus	D790	kg/cm ²	18,000
Izod impact strength 23 °C	D256	kgcm/cm	3.0
Rockwell hardness	D785	R-scale	107
Heat distortion temp.	D648	°C	125

* 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



● **Food Contact Application**

- ▶ Hanwha Total HF409 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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