

PP

Homo PP for Casting Film

► **HF429**

● Description

HF429 is a high isotactic polypropylene, homopolymer having excellent heat resistance as well as superior flexural modulus.

● Characteristics

- High stiffness
- Excellent heat resistance

● Physical Properties

Typical Properties	Method (ASTM)	Unit	HF429
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	%	500
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

● **Food Contact Application**

- ▶ Hanwha Total HF429 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.