PP

HF400

Homo PP for CPP film

Application

Film, CPP film, Food packaging film

Characteristics

Transparency, Slip, Excellent processability

Physical properties

Item	Test Method	Unit	Typical Value
Melt index	ASTM D1238	g/10min	8
Density	ASTM D1505	g/㎤	0.91
Tensile strength (at yield)	ASTM D882	kg/㎠	230
Elongation (at break)	ASTM D638	%	400
Flexural modulus	ASTM D790	kg/㎠	16000
Izod Impact Strength (23℃)	ASTM D256	kg ㎝/㎝	3
Rockwell hardness	ASTM D785	R scale	100
Heat deflection temperature	ASTM D648	℃	110

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

Film properties

Item	Test Method	Unit	Typical value
Thickness	-	㎛	25
Tensile strength (at yield)	ASTM D882	kg/㎠	230
Tensile strength (at break)	ASTM D882	kg/㎠	490
Tensile strength (Elongation)	ASTM D882	%	600
Impact strength	ASTM D3420	kg/㎠	2600
Haze	ASTM D1003	%	2

Condition: Manufacturer of Prako CPP FILM. - L/D 25:1, It's a product extruded at 240°C from a screw with a diameter of 40 40 and a width of 40cm. Note: The data is a representative value of the guide material and may be changed depending on the manufacturing raw material and process situation.

Certification

Hanwha TotalEnergies Petrochemical HF400 satisfies the 21 CFR 177.1520 regulations, the food packaging standards of the U.S. Food and Drug Administration (FDA).
For further inquiries, please contact Customer Technical Service.

Contact information

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