PP

High stiffness block PP for Film

BI300

Application

Film, CPP film, Retort Pouch

Characteristics

Thermal resistance, High stiffness

Physical properties

Item	Test Method	Unit	Typical Value
Melt index	ASTM D1238	g/10min	5
Density	ASTM D1505	g/㎤	0.91
Tensile strength (at yield)	ASTM D638	kg/㎠	310
Elongation (at break)	ASTM D638	%	>500
Flexural modulus	ASTM D790	kg/㎠	14,500
Izod impact strength (23℃)	ASTM D256	kg ㎝/㎝	9
Rockwell hardness	ASTM D785	R scale	80
Heat deflection temperature	ASTM D648	℃	109

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
Haze	ASTM D1003	%	40
Gloss (45°)	ASTM D2457	%	30

* Optical characteristics - 40 μm cast film (Processing temperature: 230°C)

Certification

Hanwha TotalEnergies Petrochemical BI300 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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