PP

High stiffness block PP for Film

BI303

Application

Film, CPP film, Protective film

Characteristics

Low Fisheye, High haze

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/㎠	290
Elongation (at break)	ASTM D638	%	>500
Flexural modulus	ASTM D790	kg/㎠	14,000
Izod impact strength (23℃)	ASTM D256	kg ㎝/㎝	10
Rockwell hardness	ASTM D785	R scale	78
Heat deflection temperature	ASTM D648	℃	108

Note: The above physical property value is a representative value for reference and is not a product quality standard.

Film properties

Item	Test Method	Unit	Typical value
Haze	ASTM D1003	%	65
Gloss (45°)	ASTM D2457	%	15

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

Certification

Hanwha TotalEnergies Petrochemical BI303 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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