PP

HS120

High stiffness homo PP for Sheet

Application

Sheet, Flat panel sheet, Stationery, Food tray

Characteristics

High stiffness, Thermal resistance, Transparency, Low Fisheye

Physical properties

Item	Test Method	Unit	Typical Value
Melt index	ASTM D1238	g/10min	1.5
Density	ASTM D1505	g/㎤	0.91
Tensile strength (at yield)	ASTM D638	kg/㎠	430
Elongation (at break)	ASTM D638	%	500
Flexural modulus	ASTM D790	kg/㎠	20000
Izod Impact Strength (23℃)	ASTM D256	kg ㎝/㎝	4
Rockwell hardness	ASTM D785	R scale	103
Heat deflection temperature	ASTM D648	℃	130
Gloss	ASTM D523	%	95
Haze	ASTM D1003	%	48

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

Certification

Hanwha TotalEnergies Petrochemical HS120 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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