PP

RJ870Z

Transparent random PP for injection molding

Application

Injection molding, Household goods parts, Baby products

Characteristics

Transparency, Excellent processability

Physical properties

Item	Test Method	Unit	Typical Value
Melt index	ASTM D1238	g/10min	40
Density	ASTM D1505	g/㎤	0.9
Tensile strength (at yield)	ASTM D638	kg/㎠	330
Elongation (at break)	ASTM D638	%	> 300
Flexural modulus	ASTM D790	kg/㎠	11500
Izod Impact Strength (23℃)	ASTM D256	kg ㎝/㎝	4.5
Rockwell hardness	ASTM D785	R scale	85
Heat deflection temperature	ASTM D648	℃	95
Haze(2mm sheet)	ASTM D1003	%	18

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

Certification

Hanwha TotalEnergies Petrochemical RJ870Z satisfies the 21 CFR 177.1520 regulations, the food packaging standards of the U.S. Food and Drug Administration (FDA).

Up to 10% of energy can be saved during production with UL ECV (Environmental Claim Verification) mark achieved.

For further inquiries, please contact Customer Technical Service.

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