

<b>Grade</b>	J-590K
<b>Product</b>	PP

### General Information

#### Key Features

- Ph. Free, High transparency
- High flow

#### Applications

Thin-wall food container, home appliances,  
High transparency TWIM parts, Household goods

Item	Measuring Method	Unit	Value
<b>Physical</b>			
Melt Flow Index	ASTM D1238	g/10min	44.0
Density	ASTM D1505	g/cm <sup>3</sup>	0.9
<b>Mechanical</b>			
Tensile Stress (Yield)	ASTM D638	kgf/cm <sup>2</sup>	280
Tensile Strain (Break)	ASTM D638	%	≥100
Flexural Modulus	ASTM D790	kgf/cm <sup>2</sup>	11,500
<b>Impact</b>			
Izod Impact Strength(notched) (23°C)	ASTM D256	kgf·cm/cm	4.0
Izod Impact Strength(notched) (-10°C)	ASTM D256	kgf·cm/cm	2.5
<b>Thermal</b>			
Heat Deflection Temperature(4.6kgf/cm <sup>2</sup> )	ASTM D648	°C	95
<b>Additional Properties</b>			
Haze	ASTM D1003	%	20

1. Physical Properties : these are not to be construed as specifications
2. ISO 9001, 14001, /TS 16949

\* The last update date : 2021/10/01