

<b>Grade</b>	J-590K
<b>Product</b>	Polypropylene, Random Copolymer

General Information	
Key Features	<ul style="list-style-type: none"> <li>- Good Transparency and Gloss</li> <li>- Phthalate-free</li> <li>- High Flow</li> </ul>

Applications	<ul style="list-style-type: none"> <li>- Household goods</li> <li>- Transparent Food &amp; Cosmetic container</li> </ul>
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Item	Measuring Method	Unit	Value
<b>Physical Properties</b>			
Melt Flow Index (230°C, 2.16kg)	ASTM D1238	g/10min	44
Density	ASTM D792	g/cm <sup>3</sup>	0.9
<b>Mechanical Properties</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 Properties</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 Properties</b>			
Heat Deflection Temperature (4.6kgf/cm <sup>2</sup> )	ASTM D648	°C	95
<b>Additional Properties</b>			
Haze (2mmT)	ASTM D1003	%	20

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

\* The last update date : 2022/09/21