

<b>Grade</b>	J-560M
<b>Product</b>	PP

### General Information

Key Features	<ul style="list-style-type: none"> <li>- Medical application (Injection)</li> <li>- High transparency, USP Class VI, FDA DMF, Gamma-ray resistance</li> </ul>
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Applications	Disposable syringes, Medical products (Gamma-ray sterilization)
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Item	Measuring Method	Unit	Value
<b>Physical</b>			
Melt Flow Index	ASTM D1238	g/10min	18
Density	ASTM D792	g/cm <sup>3</sup>	0.9
<b>Mechanical</b>			
Tensile Stress (Yield)	ASTM D638	kgf/cm <sup>2</sup>	300
Tensile Strain (Break)	ASTM D638	%	≥100
Flexural Modulus	ASTM D790	kgf/cm <sup>2</sup>	12,000
<b>Impact</b>			
Notched Izod Impact Strength(23°C)	ASTM D256	kgf·cm/cm	5.5
<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