



<b>Grade</b>	FR-160
<b>Product</b>	PP

### General Information

Key Features	<ul style="list-style-type: none"> <li>- Woven &amp; nonwoven application</li> <li>- Formability, Extensibility, Anti-gasfading stabilization</li> </ul>
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Applications	Staple fiber, Multifilament, Belt, Wig filament
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Item	Measuring Method	Unit	Value
<b>Physical</b>			
Melt Flow Index	ASTM D1238	g/10min	16
Density	ASTM D792	g/cm <sup>3</sup>	0.9
<b>Mechanical</b>			
Tensile Stress (Yield)	ASTM D638	kgf/cm <sup>2</sup>	350
Tensile Strain (Break)	ASTM D638	%	≥100
Flexural Modulus	ASTM D790	kgf/cm <sup>2</sup>	16,000
<b>Impact</b>			
Notched Izod Impact Strength(23°C)	ASTM D256	kgf·cm/cm	3.5
<b>Thermal</b>			
Heat Deflection Temperature(4.6kgf/cm <sup>2</sup> )	ASTM D648	°C	105

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

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