

General Homo PP for Fiber

## YUHWA POLYPRO 5010

Features  
and Uses

Properties

<b>Application</b>	General Homo PP for Fiber			
<b>Features</b>	High Tenacity			
<b>Uses</b>	Textile, Clothes, Carpets, Wadding			
	<b>Items</b>	<b>Specification</b>	<b>Unit</b>	<b>Test Method</b>
	<b>Melt Index</b>	10	g/10min.	ASTM D1238
	<b>Density</b>	0.9	g/cm <sup>3</sup>	ASTM D1505
	<b>Mold Shrinkage</b>	1.0~2.0	%	KPIC Method
	<b>Water Absorption</b>	<0.01	%	ASTM D570
	<b>Tensile Strength at Yield</b>	350	kgf/cm <sup>2</sup>	ASTM D638
	<b>Elongation at Break</b>	>500	%	ASTM D638
	<b>Flexural Modulus</b>	14,000	kgf/cm <sup>2</sup>	ASTM D790
	<b>Hardness (Rockwell)</b>	96	R Scale	ASTM D785
	<b>Impact Strength (Izod with Notch)</b>	4	kgf cm/cm	ASTM D256
	<b>Melting Point</b>	163	℃	ASTM D3418
	<b>Softening Point (Vicat)</b>	150	℃	ASTM D1525
	<b>Heat Deflection Temperature</b>	110	℃	ASTM D648

※ Above data are intended to serve as guides only, and are not sales specification limits.