

General Homo PP for Fiber

YUHWA POLYPRO 5010

Features
and Uses

Properties

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