

General Homo PP for Fiber

YUHWA POLYPRO 5010U

Features
and Uses

Properties

Application	General Homo PP for Fiber		
Features	High Tenacity, Weatherability		
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