



General Homo PP for Yarn

YUHWA POLYPRO 5012

Features
and Uses

Properties

Application	General Homo PP for Yarn			
Features	High Tenacity, General Purpose			
Uses	Woven Bags, Ropes, Bands, Packaging Tapes			
Items	Specification	Unit	Test Method	
Melt Index	2	g/10min.	ASTM D1238	
Density	0.9	g/cm³	ASTM D1505	
Mold Shrinkage	1.0~2.0	%	KPIC Method	
Water Absorption	<0.01	%	ASTM D570	
Tensile Strength at Yield	360	kgf/cm²	ASTM D638	
Elongation at Break	>500	%	ASTM D638	
Flexural Modulus	15,000	kgf/cm²	ASTM D790	
Hardness (Rockwell)	96	R Scale	ASTM D785	
Impact Strength (Izod with Notch)	4	kgf cm/cm	ASTM D256	
Melting Point	162	℃	ASTM D3418	
Softening Point (Vicat)	152	℃	ASTM D1525	
Heat Deflection Temperature	105	℃	ASTM D648	