

KOREA PETROCHEMICAL IND.,CO.,LTD

General Homo PP **5014**
 print
 close

Classification : General Homo PP Yarn grade
 Attributes : General Purpose
 Applications : Fishing Nets, Ropes, Bands, Packaging Tapes

Documents & Certificates

Spec Sheet :  [kpic_spec_5014_en.pdf](#)
 MSDS :  [kpic_msds_5014_en\(2\).pdf](#)
 FDA :  [FDA Request](#)
 RoHS :  [kpic_RoHS_5014_20130828.pdf](#)

Properties

ITEM (TERM)	VALUE	UNIT	TEST METHOD
Melt Index	3.2	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	360	kg _f /cm ²	ASTM D638
Elongation at Break	>500	%	ASTM D638
Flexural Modulus	15,000	kg _f /cm ²	ASTM D790
Hardness (Rockwell)	96	R Scale	ASTM D785
Impact Strength (Izod with Notch)	4	kg _f cm/cm	ASTM D256
Melting Point	162	°C	ASTM D3418
Softening Point (Vicat)	152	°C	ASTM D1525
Heat Deflection Temperature	105	°C	ASTM D648

The values given above should only be used as a guide and should not be considered as a specification or guarantee.

The values are dependent on part geometry and fabrication conditions.