

POLYPRO® 5014L

Polypropylene Homopolymer
YUHW Korea Petrochemical Ind. Co., Ltd.

Message:

POLYPRO® 5014L is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Asia Pacific for blown film, cast film, or coextruded film.
Primary attribute of POLYPRO® 5014L: Homopolymer.
Typical applications include:
Film
Food Contact Applications
Packaging

General Information			
Features	Homopolymer		
	Metallizable		
Uses	Bi-axially Oriented Film		
	Film		
	Packaging		
Agency Ratings	FDA Food Contact, Unspecified Rating		
Forms	Pellets		
Processing Method	Blown Film		
	Cast Film		
	Coextruded Film		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.0 to 2.0	%	Internal Method
Water Absorption (Equilibrium)	< 0.010	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	97		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	33.3	MPa	ASTM D638
Tensile Elongation (Break)	> 500	%	ASTM D638
Flexural Modulus	1570	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	34	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	105	°C	ASTM D648

Vicat Softening Temperature	150	°C	ASTM D1525
Peak Melting Temperature	162	°C	ASTM D3418

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

