

# YUNGSOX® PP 5070

Polypropylene Random Copolymer  
Formosa Polypropylene

Message:

YUNGSOX® PP 5070 is a Polypropylene Random Copolymer (PP Random Copolymer) material. It is available in Asia Pacific.  
Important attributes of YUNGSOX® PP 5070 are:  
Clarity  
Copolymer  
Typical applications include:  
Film  
Packaging  
Coating Applications  
Food Contact Applications

General Information			
Features	High Clarity		
	Random Copolymer		
Uses	Cast Film		
	Film		
	Food Packaging		
	Laminates		
	Packaging		
Agency Ratings	FDA 21 CFR 177.1520		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	7.5	g/10 min	ISO 1133
Molding Shrinkage	1.3 to 1.7	%	Internal Method
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	95		ISO 2039-2
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	24.5	MPa	ISO 527-2
Tensile Strain (Break)	500	%	ISO 527-2
Flexural Modulus	735	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	69	J/m	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	90.0	°C	ISO 75-2/A
Vicat Softening Temperature	125	°C	ISO 306

Melting Temperature	144	°C	DSC
Optical	Nominal Value	Unit	Test Method
Haze (30.0 μm)	< 1.0	%	Internal Method

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#### 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

