

# POLYPRO® 1088B

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

Message:

POLYPRO® 1088B is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Asia Pacific for blown film, cast film, or coextruded film. Important attributes of POLYPRO® 1088B are:

RoHS Compliant  
Homopolymer  
Typical applications include:  
Film  
Food Contact Applications  
Packaging

General Information			
Features	High Slip		
	Homopolymer		
Uses	Film		
	Packaging		
Agency Ratings	FDA Food Contact, Unspecified Rating		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Blown Film		
	Cast Film		
	Coextruded Film		

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.1 to 2.0	%	Internal Method
Water Absorption (Equilibrium)	< 0.010	%	ASTM D570

Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	100		ASTM D785

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	35.3	MPa	ASTM D638
Tensile Elongation (Break)	> 500	%	ASTM D638
Flexural Modulus	1570	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	39	J/m	ASTM D256

Thermal	Nominal Value	Unit	Test Method
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Deflection Temperature Under Load (1.8 MPa, Unannealed)	110	°C	ASTM D648
Vicat Softening Temperature	152	°C	ASTM D1525
Peak Melting Temperature	163	°C	ASTM D3418

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#### Recommended distributors for this material

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