

POLYPRO® 1088

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

Message:

POLYPRO® 1088 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® 1088 are:
RoHS Compliant
Clarity
Homopolymer
Typical applications include:
Film
Food Contact Applications
Packaging

General Information			
Features	General Purpose		
	High Clarity		
	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 ³	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
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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