

# Globalene® PT100

Polypropylene Homopolymer  
Lee Chang Yung Chemical Industry Corp.

Message:

Globalene® PT100 is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Asia Pacific or North America for blow molding, extrusion, pipe extrusion, sheet extrusion, or thermoforming.

Important attributes of Globalene® PT100 are:

Good Stiffness

Homopolymer

Typical applications include:

Bottles

Kitchenware

Plumbing/Piping/Potable Water

Sheet

Straps/Ropes

General Information	
Features	General Purpose
	Good Stiffness
	Homopolymer
Uses	Bottles
	Drinking Straws
	General Purpose
	Piping
	Sheet
	Strapping
	Thermoforming Applications
Forms	Pellets
Processing Method	Blow Molding
	Extrusion
	Pipe Extrusion
	Sheet Extrusion
	Thermoforming

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.901	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.6	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.4	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	98		ASTM D785
Mechanical	Nominal Value	Unit	Test Method

Tensile Strength (Yield)	34.3	MPa	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus	1560	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	34	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature	98	°C	ASTM D648

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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

