

# Globalene® PT101N

Polypropylene Homopolymer  
Lee Chang Yung Chemical Industry Corp.

Message:

Globalene® PT101N is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Asia Pacific or North America for blow molding, extrusion, sheet extrusion, or thermoforming.

Important attributes of Globalene® PT101N are:

Good Stiffness  
High Strength  
Homopolymer

Typical applications include:

Bottles  
Kitchenware  
Sheet

General Information			
Features	Good Stiffness		
	High Tensile Strength		
	Homopolymer		
Uses	Bottles		
	Drinking Straws		
	Sheet		
	Thermoforming Applications		
Forms	Pellets		
Processing Method	Blow Molding		
	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)	102		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	37.3	MPa	ASTM D638
Tensile Elongation (Yield)	8.0	%	ASTM D638
Flexural Modulus	1800	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method

Notched Izod Impact (23°C)	26	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature	126	°C	ASTM D648

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