

# Globalene® 8001

Polypropylene Random Copolymer  
Lee Chang Yung Chemical Industry Corp.

Message:

Globalene® 8001 is a Polypropylene Random Copolymer (PP Random Copolymer) material. It is available in Asia Pacific or North America for blow molding, pipe extrusion, or sheet extrusion.  
Important attributes of Globalene® 8001 are:  
Copolymer  
Heat Resistant  
Impact Resistant  
Typical applications include:  
Bottles  
Plumbing/Piping/Potable Water  
Sheet

General Information	
Features	Good Heat Aging Resistance
	Good Impact Resistance
	Random Copolymer
Uses	Bottles
	Piping
	Sheet
Forms	Pellets
Processing Method	Blow Molding
	Pipe Extrusion
	Sheet Extrusion

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.896	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.30	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.7	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	75		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	26.5	MPa	ASTM D638
Tensile Elongation (Yield)	14	%	ASTM D638
Flexural Modulus	863	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	440	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method

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#### Recommended distributors for this material

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