

# Globalene® ST866

Polypropylene Random Copolymer  
Lee Chang Yung Chemical Industry Corp.

Message:

Globalene® ST866 is a Polypropylene Random Copolymer (PP Random Copolymer) material. It is available in Asia Pacific or North America for injection molding, injection stretch blow molding, or sheet extrusion.

Important attributes of Globalene® ST866 are:

Clarity  
Copolymer  
Impact Resistant

Typical applications include:

Appliances  
Bottles  
Household Applications  
Sheet

General Information	
Features	Excellent Printability
	Low Temperature Impact Resistance
	Medium Clarity
	Random Copolymer
Uses	Appliances
	Bottles
	Household Goods
	Sheet
Forms	Pellets
Processing Method	Injection Molding
	Injection Stretch Blow Molding
	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)	8.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.3	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	83		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	28.9	MPa	ASTM D638
Tensile Elongation (Yield)	12	%	ASTM D638
Flexural Modulus	981	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	80	°C	ASTM D648

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