

# Globalene® ST869K

Polypropylene Random Copolymer  
Lee Chang Yung Chemical Industry Corp.

Message:

Globalene® ST869K is a Polypropylene Random Copolymer (PP Random Copolymer) material. It is available in Asia Pacific or North America for injection molding or injection stretch blow molding.

Important attributes of Globalene® ST869K are:

Clarity

Copolymer

Impact Resistant

Typical applications include:

Appliances

Bottles

General Information	
UL YellowCard	E85783-101834052
Features	High Clarity
	Low Temperature Impact Resistance
	Random Copolymer
Uses	Appliances
	Bottles
Forms	Pellets
Processing Method	Injection Molding
	Injection Stretch Blow Molding

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)	27	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.4	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	88		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	29.4	MPa	ASTM D638
Tensile Elongation (Yield)	13	%	ASTM D638
Flexural Modulus	1120	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	41	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature	80	°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

