

Globalene® ST866K

Polypropylene Random Copolymer
Lee Chang Yung Chemical Industry Corp.

Message:

Globalene® ST866K 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® ST866K are:

Clarity
Copolymer
Impact Resistant

Typical applications include:

Appliances
Bottles
Household Applications
Sheet

General Information			
Features	High Clarity		
	Low Temperature Impact Resistance		
	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	0.899	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.5	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	84		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	29.0	MPa	ASTM D638
Tensile Elongation (Yield)	14	%	ASTM D638
Flexural Modulus	1050	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	37	J/m	ASTM D256

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature	80	°C	ASTM D648

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Recommended distributors for this material

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