

Globalene® STM866

Polypropylene

Lee Chang Yung Chemical Industry Corp.

Message:

Globalene® STM866 is a Polypropylene material. It is available in Asia Pacific or North America for injection stretch blow molding.

Important attributes of Globalene® STM866 are:

Clarity

Impact Resistant

Typical applications include:

Bottles

Medical/Healthcare

General Information			
Features	High Clarity		
	Low Temperature Impact Resistance		
Uses	Bottles		
	Medical/Healthcare Applications		
Forms	Pellets		
Processing Method	Injection Stretch Blow Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.896	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	1.4	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	82		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	27.5	MPa	ASTM D638
Tensile Elongation (Yield)	12	%	ASTM D638
Flexural Modulus	961	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	40	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature	80	°C	ASTM D648

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