

Globalene® ST612

Polypropylene

Lee Chang Yung Chemical Industry Corp.

Message:

Globalene® ST612 is a Polypropylene material. It is available in Asia Pacific or North America for blow molding or injection stretch blow molding. Important attributes of Globalene® ST612 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	Blow Molding
	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)	1.8	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.3	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	80		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	26.5	MPa	ASTM D638
Tensile Elongation (Yield)	13	%	ASTM D638
Flexural Modulus	912	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	54	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

