

Globalene® 7012

Polypropylene Impact Copolymer
Lee Chang Yung Chemical Industry Corp.

Message:

Globalene® 7012 is a Polypropylene Impact Copolymer (PP Impact Copolymer) material. It is available in Asia Pacific or North America for blow molding, pipe extrusion, or sheet extrusion.
Important attributes of Globalene® 7012 are:
Copolymer
Heat Resistant
Impact Resistant
Typical applications include:
Bottles
Plumbing/Piping/Potable Water
Sheet

General Information			
Features	Good Heat Aging Resistance		
	Impact Copolymer		
	Low Temperature Impact Resistance		
Uses	Bottles		
	Piping		
	Sheet		
Forms	Pellets		
Processing Method	Blow Molding		
	Pipe Extrusion		
	Sheet Extrusion		
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)	0.80	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.6	%	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)	9.0	%	ASTM D638
Flexural Modulus	1180	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	390	J/m	ASTM D256
Unnotched Izod Impact (-18°C)	1700	J/m	ASTM D256

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature	93	°C	ASTM D648
Drop Weight Impact Strength (-29°C)	27.1	J	Internal Method

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Recommended distributors for this material

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

