

Globalene® 8181

Polypropylene Random Copolymer
Lee Chang Yung Chemical Industry Corp.

Message:

Globalene® 8181 is a Polypropylene Random Copolymer (PP Random Copolymer) material. It is available in Asia Pacific or North America for blow molding, injection stretch blow molding, or sheet extrusion.
Important attributes of Globalene® 8181 are:
Clarity
Copolymer
Impact Resistant
Typical applications include:
Bottles
Sheet

General Information			
Features	Excellent Printability		
	High Clarity		
	Low Temperature Impact Resistance		
	Random Copolymer		
Uses	Bottles		
	Sheet		
Forms	Pellets		
Processing Method	Blow Molding		
	Injection Stretch Blow Molding		
	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)	1.5	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.9	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	84		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	29.4	MPa	ASTM D638
Tensile Elongation (Yield)	13	%	ASTM D638
Flexural Modulus	1080	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	43	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature	77	°C	ASTM D648

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Recommended distributors for this material

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