

Globalene® PT231

Polypropylene Homopolymer
Lee Chang Yung Chemical Industry Corp.

Message:

Globalene® PT231 is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Asia Pacific or North America for injection molding. Important attributes of Globalene® PT231 are:

- Good Processability
- High Flow
- Homopolymer

Typical applications include:

- Appliances
- Consumer Goods
- Containers
- Household Applications

General Information			
Features	Good Moldability		
	High Flow		
	Homopolymer		
Uses	Appliances		
	Food Containers		
	Household Goods		
	Toys		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.901	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	26	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.1	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	101		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	36.3	MPa	ASTM D638
Tensile Elongation (Yield)	8.0	%	ASTM D638
Flexural Modulus	1770	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	21	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature	110	°C	ASTM D648

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