

Globalene® PC3009

Polypropylene Alloy

Lee Chang Yung Chemical Industry Corp.

Message:

Globalene® PC3009 is a Polypropylene Alloy (PP Alloy) material. It is available in Asia Pacific or North America for blow molding or extrusion.

Important attributes of Globalene® PC3009 are:

- Flame Rated
- RoHS Compliant
- Good Stiffness
- Impact Resistant

General Information			
Features	Good Stiffness		
	High Impact Resistance		
	Low Flow		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Blow Molding		
	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.920	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)	93		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	34.3	MPa	ASTM D638
Tensile Elongation (Yield)	11	%	ASTM D638
Flexural Modulus	1470	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	390	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature	105	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	V-2		UL 94

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