

Globalene® PC366-3

Polypropylene Homopolymer
Lee Chang Yung Chemical Industry Corp.

Message:

Globalene® PC366-3 is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Asia Pacific or North America for extrusion, injection molding, or sheet extrusion.

Important attributes of Globalene® PC366-3 are:

- Good Processability
- Good Stiffness
- High Strength
- Homopolymer

Typical applications include:

- Appliances
- Bags/Liners
- Caps/Lids/Closures
- Sheet
- Straps/Ropes

General Information			
UL YellowCard		E85783-251837	
Features	Good Moldability		
	Good Stiffness		
	Good Stretchability		
	High Tensile Strength		
	Homopolymer		
	Low Gel		
Uses	Appliances		
	Bags		
	Closures		
	Sheet		
	Strapping		
	Yarn		
UL File Number		E85783	
Forms		Pellets	
Processing Method	Extrusion		
	Injection Molding		
	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.901	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ASTM D1238

Molding Shrinkage - Flow	1.4	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	97		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	35.3	MPa	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus	1630	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	34	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature	98	°C	ASTM D648

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