

Globalene® ST031

Polypropylene Impact Copolymer
Lee Chang Yung Chemical Industry Corp.

Message:

Globalene® ST031 is a Polypropylene Impact Copolymer (PP Impact Copolymer) material. It is available in Asia Pacific or North America for injection molding.

Important attributes of Globalene® ST031 are:

- Copolymer
- Good Processability
- Heat Resistant
- Impact Resistant

Typical applications include:

- Appliances
- Automotive

General Information			
UL YellowCard	E85783-251848		
Features	Good Heat Aging Resistance		
	Good Moldability		
	Impact Copolymer		
	Low Temperature Impact Resistance		
Uses	Appliances		
	Automotive Applications		
UL File Number	E85783		
Forms	Pellets		
Processing Method	Injection Molding		
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)	14	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.3	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	84		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	25.5	MPa	ASTM D638
Tensile Elongation (Yield)	6.0	%	ASTM D638
Flexural Modulus	1350	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	78	J/m	ASTM D256
Unnotched Izod Impact (-18°C)	640	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature	95	°C	ASTM D648
Drop Weight Impact Strength (-29°C)	28.5	J	Internal Method

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