

Globalene® SH3302

Polypropylene Alloy

Lee Chang Yung Chemical Industry Corp.

Message:

Globalene® SH3302 is a Polypropylene Alloy (PP Alloy) material. It is available in Asia Pacific or North America for injection molding.

Important attributes of Globalene® SH3302 are:

Flame Rated

RoHS Compliant

Good Processability

Halogen Free

Impact Resistant

Typical applications include:

Appliances

Household Applications

Wire & Cable

General Information			
Features	Good Moldability		
	Halogen Free		
	High Impact Resistance		
Uses	Appliances		
	Household Goods		
	Wire & Cable Applications		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.01	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	13	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.0	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	75		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	19.6	MPa	ASTM D638
Tensile Elongation (Yield)	4.0	%	ASTM D638
Flexural Modulus	1600	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	49	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature	95	°C	ASTM D648
Flammability	Nominal Value		Test Method

Flame Rating (3.20 mm)	V-0	UL 94
Injection	Nominal Value	Unit
Drying Temperature	80.0	°C
Drying Time	2.0	hr

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