

Globalene® BA45H

Polypropylene Alloy

Lee Chang Yung Chemical Industry Corp.

Message:

Globalene® BA45H is a Polypropylene Alloy (PP Alloy) material. It is available in Asia Pacific or North America for injection molding.

Important attributes of Globalene® BA45H are:

Flame Rated

RoHS Compliant

Good Processability

Impact Resistant

Typical applications include:

Appliances

Household Applications

Housings

General Information			
UL YellowCard	E85783-617682		
Features	Good Moldability		
	High Impact Resistance		
Uses	Appliances		
	Battery Cases		
	Household Goods		
RoHS Compliance	RoHS Compliant		
UL File Number	E85783		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.940	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.4	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	90		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	26.2	MPa	ASTM D638
Tensile Elongation (Yield)	6.7	%	ASTM D638
Flexural Modulus	1390	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	60	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
RTI Elec	110	°C	UL 746

RTI Imp	110	°C	UL 746
RTI Str	110	°C	UL 746
Heat Deflection Temperature	110	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	V-2		UL 94

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