

Topilene® J640A

Polypropylene Impact Copolymer

Hyosung Corporation

Message:

Impact Copolymer

Characteristics:

Impact strength

Flowability

HB under UL 94

Applications:

Large article

Industrial appliances

Home appliances

Electric appliances

Parts of an automobile

General Information	
UL YellowCard	E163907-224771
Features	Good Flow
	Good Impact Resistance
	Impact Copolymer
Uses	Appliance Components
	Automotive Applications
	Battery Cases
	Electrical Parts
	Electrical/Electronic Applications
	Household Goods
	Industrial Applications

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	18	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	80		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	26.5	MPa	ASTM D638
Flexural Modulus	1320	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact			ASTM D256
-10°C	44	J/m	
23°C	93	J/m	
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (0.45 MPa, Unannealed)	105	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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