

Topilene® J842

Polypropylene Impact Copolymer

Hyosung Corporation

Message:

Impact Copolymer

Characteristics:

High Flowability

High Stiffness

HB under UL94

Applications:

Very large article

Home appliances

Industrial appliances

General Information	
UL YellowCard	E163907-224781
Features	Good Stiffness
	High Flow
	Impact Copolymer
Uses	Appliance Components
	Household Goods
	Industrial Applications

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	45	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	85		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	27.5	MPa	ASTM D638
Flexural Modulus	1470	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact			ASTM D256
-10°C	39	J/m	
23°C	64	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	120	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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