

Topilene® J642

Polypropylene Impact Copolymer

Hyosung Corporation

Message:

Impact Copolymer

Characteristics:

Impact strength

High stiffness

HB under UL 94

Applications:

Home appliances

Electric appliances

General Information			
UL YellowCard	E163907-224772		
Features	Good Impact Resistance		
	Good Stiffness		
	Impact Copolymer		
Uses	Appliance Components		
	Electrical/Electronic Applications		
	Household Goods		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	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)	28.4	MPa	ASTM D638
Flexural Modulus	1570	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact			ASTM D256
-10°C	49	J/m	
23°C	98	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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