

Topilene® J640

Polypropylene Impact Copolymer

Hyosung Corporation

Message:

Impact Copolymer

Characteristics:

Impact strength

Flowability

HB under UL94

Applications:

Battery Case

Electric Appliances

Home Appliances

Parts of an automobile

General Information			
Features	Good Flow		
	Good Impact Resistance		
	Impact Copolymer		
Uses	Appliance Components		
	Automotive Applications		
	Battery Cases		
	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)	80		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	26.5	MPa	ASTM D638
Flexural Modulus	1270	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)	105	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

