

Topilene® J440

Polypropylene Impact Copolymer

Hyosung Corporation

Message:

- Impact Copolymer
- Characteristics:
 - High impact strength
 - HB under UL 94
- Applications:
 - Crate
 - Container
 - Battery Case
 - Toy

General Information			
Features	High Impact Resistance		
	Impact Copolymer		
Uses	Battery Cases		
	Containers		
	Crates		
	Toys		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	75		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	26.5	MPa	ASTM D638
Flexural Modulus	1230	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact			ASTM D256
-10°C	54	J/m	
23°C	130	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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