

HIPOL™ J640

Polypropylene Impact Copolymer

Mitsui Chemicals, Inc.

Message:

HIPOL™ J640 is a Polypropylene Impact Copolymer (PP Impact Copolymer) material. It is available in Asia Pacific for injection molding.

Important attributes of HIPOL™ J640 are:

Flame Rated

Copolymer

Good Processability

Impact Resistant

Typical application of HIPOL™ J640: Engineering/Industrial Parts

General Information			
Features	Block Copolymer		
	Good Impact Resistance		
	Good Moldability		
Uses	Industrial Parts		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.910	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	27.5	MPa	
Break	19.6	MPa	
Tensile Elongation (Break)	200	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	39	J/m	
0°C	59	J/m	
23°C	110	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	105	°C	
1.8 MPa, Unannealed	55.0	°C	
Vicat Softening Temperature	150	°C	ASTM D1525
Flammability	Nominal Value		Test Method
Flame Rating (1.57 mm, ALL)	HB		UL 94

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Recommended distributors for this material

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