

HIPOL™ J400

Polypropylene Homopolymer

Mitsui Chemicals, Inc.

Message:

HIPOL™ J400 is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Asia Pacific for injection molding.

Important attributes of HIPOL™ J400 are:

Flame Rated

Good Processability

Heat Resistant

Homopolymer

Rigid

Typical application of HIPOL™ J400: Engineering/Industrial Parts

General Information			
Features	Good Moldability		
	High Heat Resistance		
	High Rigidity		
	Homopolymer		
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)	3.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	37.3	MPa	
Break	34.3	MPa	
Tensile Elongation (Break)	500	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
0°C	25	J/m	
23°C	39	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	110	°C	
1.8 MPa, Unannealed	60.0	°C	
Vicat Softening Temperature	155	°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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