

HIPOL™ J700

Polypropylene Homopolymer

Mitsui Chemicals, Inc.

Message:

HIPOL™ J700 is a Polypropylene Homopolymer (PP Homopolymer) material. It is available in Asia Pacific for injection molding.

Important attributes of HIPOL™ J700 are:

- Flame Rated
- Good Processability
- Heat Resistant
- Homopolymer
- Rigid

Typical applications include:

- Caps/Lids/Closures
- Containers

General Information			
Features	Good Moldability		
	High Heat Resistance		
	High Rigidity		
	Homopolymer		
Uses	Closures		
	Food Containers		
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)	11	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield	37.3	MPa	
Break	24.5	MPa	
Tensile Elongation (Break)	500	%	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
0°C	20	J/m	
23°C	25	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	110	°C	
1.8 MPa, Unannealed	65.0	°C	

Vicat Softening Temperature	155	°C	ASTM D1525
Flammability	Nominal Value		Test Method
Flame Rating (1.57 mm, ALL)	HB		UL 94

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

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

