

SEETEC PP M1400

Polypropylene Copolymer
LG Chem Ltd.

Message:

SEETEC M1400 is a heterophasic polypropylene copolymer for injection molding applications. SEETEC M1400 exhibits a high flowability and a good balance of stiffness and impact strength. SEETEC M1400 meets the FDA requirement in the code of Federal Regulations in 21 CFR 177.1520 for food contact.

General Information			
UL YellowCard	E140737-223137		
Features	Food Contact Acceptable		
	Good Impact Resistance		
	Good Stiffness		
	High Flow		
Uses	General Purpose		
	Toys		
Agency Ratings	FDA 21 CFR 177.1520		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	90		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	25.5	MPa	ASTM D638
Tensile Elongation ² (Break)	> 300	%	ASTM D638
Flexural Modulus ³	1200	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	39	J/m	
23°C	120	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	105	°C	ASTM D648
Vicat Softening Temperature	150	°C	ASTM D1525 ⁴
NOTE			
1.	50 mm/min		
2.	50 mm/min		

3.	28 mm/min
4.	Loading 1 (10 N)

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

