

## LG Chemical SEETEC M1400 Polypropylene Impact Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer , Polypropylene, Impact Modified; Molded/Extruded

### Material Notes:

Features: 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. Applications: Housewares, Toys CAS No. 9010-79-1 Information provided by LG Chemical

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_LG-Chemical-SEETEC-M1400-Polypropylene-Impact-Copolymer.php](http://www.lookpolymers.com/polymer_LG-Chemical-SEETEC-M1400-Polypropylene-Impact-Copolymer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D1505
Melt Flow	8.0 g/10 min	8.0 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 Â°C	@Load 4.76 lb, Temperature 446 Â°F	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	100	100	ASTM D785
Tensile Strength, Yield	25.5 MPa	3700 psi	50mm/min; ASTM D638
Elongation at Break	>= 500 %	>= 500 %	50mm/min; ASTM D638
Flexural Modulus	1.27 GPa	185 ksi	ASTM D760
Izod Impact, Notched	0.883 J/cm	1.65 ft-lb/in	ASTM D256
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	

Thermal Properties	Metric	English	Comments
Melting Point	130 - 170 Â°C	266 - 338 Â°F	
Deflection Temperature at 0.46 MPa (66 psi)	100 Â°C	212 Â°F	ASTM D648
Vicat Softening Point	152 Â°C	306 Â°F	ASTM D1525
	@Load 1.00 kg	@Load 2.20 lb	
Flash Point	>= 340 Â°C	>= 644 Â°F	

Descriptive Properties	Value	Comments
Autoignition Temperature	>350Â°C	

## **Contact Songhan Plastic Technology Co.,Ltd.**

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