

## LG Chemical SEETEC H1501 Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

### Material Notes:

Features: SEETEC H1501 is a homopolymer for injection molding. H1501 is specifically developed for application demanding a high stiffness and a high fluidity. SEETEC H1501 meets the FDA requirement in the code of Federal Regulations in 21 CFR 177.1520 for food contact. Applications: Housewares, Toys, Closures CAS No. 9003-07-0 Information provided by LG Chemical

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_LG-Chemical-SEETEC-H1501-Polypropylene-Homopolymer.php](http://www.lookpolymers.com/polymer_LG-Chemical-SEETEC-H1501-Polypropylene-Homopolymer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D1505
Melt Flow	17 g/10 min @Load 2.16 kg, Temperature 230 Â°C	17 g/10 min @Load 4.76 lb, Temperature 446 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	105	105	ASTM D785
Tensile Strength, Yield	34.3 MPa	4980 psi	50mm/min; ASTM D638
Elongation at Break	>= 500 %	>= 500 %	50mm/min; ASTM D638
Flexural Modulus	1.47 GPa	213 ksi	ASTM D760
Izod Impact, Notched	0.294 J/cm @Temperature 23.0 Â°C	0.551 ft-lb/in @Temperature 73.4 Â°F	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	130 - 170 Â°C	266 - 338 Â°F	
Deflection Temperature at 0.46 MPa (66 psi)	110 Â°C	230 Â°F	ASTM D648
Vicat Softening Point	153 Â°C @Load 1.00 kg	307 Â°F @Load 2.20 lb	ASTM D1525
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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