

LG Chemical SEETEC M1700 Polypropylene Impact Copolymer

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

Material Notes:

Features: SEETEC M1700 is a heterophasic polypropylene copolymer for injection molding applications. SEETEC M1700 exhibits a very high flowability and a good balance of stiffness and impact strength. SEETEC M1700 meets the FDA requirement in the code of Federal Regulations in 21 CFR 177.1520 for food contact. Applications: Washing Machine Parts (Tub), Housewares 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-M1700-Polypropylene-Impact-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D1505
Melt Flow	40 g/10 min	40 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 Å°C	@Load 4.76 lb, Temperature 446 Å°F	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	100	100	ASTM D785
Tensile Strength, Yield	26.5 MPa	3840 psi	50mm/min; ASTM D638
Elongation at Break	≥ 50 %	≥ 50 %	50mm/min; ASTM D638
Flexural Modulus	1.23 GPa	178 ksi	ASTM D760
Izod Impact, Notched	0.490 J/cm @Temperature 23.0 Å°C	0.918 ft-lb/in @Temperature 73.4 Å°F	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	130 - 170 Å°C	266 - 338 Å°F	
Deflection Temperature at 0.46 MPa (66 psi)	106 Å°C	221 Å°F	ASTM D648
Vicat Softening Point	162 Å°C	306 Å°F	ASTM D1625
	@Load 1.00 kg	@Load 2.20 lb	
Flash Point	≥ 340 Å°C	≥ 644 Å°F	

Descriptive Properties	Value	Comments
Autoignition Temperature	>350Å°C	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China

