

LG Chemical SEETEC H7525 Polypropylene, Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Features: Seetec H7525 is designed for the extrusion of staple fibers. This grade is characterized by Medium MWD and good thermobonding, with anti-gas fading stabilization. SEETEC H7525 meets the FDA requirement in the code of Federal Regulations in 21 CFR 177.1520 for food contact. **Applications:** hygienic products, industrial filter, apparel **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-H7525-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D1505
Melt Flow	12 g/10 min @Load 2.16 kg, Temperature 230 Â°C	12 g/10 min @Load 4.76 lb, Temperature 446 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	100	100	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	1.57 GPa	228 ksi	ASTM D760
Izod Impact, Notched	0.245 J/cm @Temperature 23.0 Â°C	0.459 ft-lb/in @Temperature 73.4 Â°F	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	140 - 170 Â°C	284 - 338 Â°F	
Deflection Temperature at 0.46 MPa (66 psi)	106 Â°C	223 Â°F	ASTM D648
Vicat Softening Point	152 Â°C @Load 1.00 kg	306 Â°F @Load 2.20 lb	ASTM D1525
Flash Point	>= 340 Â°C	>= 644 Â°F	

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