

LG Chemical SEETEC R7700 Polypropylene, Random Copolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene Copolymer

Material Notes:

Features: Seetec R7700 is designed for the extrusion of fibers with the spunbond technology. This grade is characterized by narrow MWD and good processability. SEETEC R7700 meets the FDA requirement in the code of Federal Regulations in 21 CFR 177.1520 for food contact. Applications: hygienic products 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-R7700-Polypropylene-Random-Copolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D1505
Melt Flow	34 g/10 min	34 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 230 °C	@Load 4.76 lb, Temperature 446 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	85	85	ASTM D785
Tensile Strength, Yield	26.5 MPa	3840 psi	50mm/min; ASTM D638
Elongation at Break	<= 500 %	<= 500 %	50mm/min; ASTM D638
Flexural Modulus	0.932 GPa	135 ksi	ASTM D760
Izod Impact, Notched	0.392 J/cm	0.735 ft-lb/in	ASTM D256
	@Temperature 23.0 °C	@Temperature 73.4 °F	

Thermal Properties	Metric	English	Comments
Melting Point	130 - 170 °C	266 - 338 °F	
Deflection Temperature at 0.46 MPa (66 psi)	85.0 °C	185 °F	ASTM D648
Vicat Softening Point	139 °C	282 °F	ASTM D1525
	@Load 1.00 kg	@Load 2.20 lb	
Flash Point	>= 340 °C	>= 644 °F	

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