

LG Chemical SEETEC R3410 Polypropylene Random Copolymer

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

Material Notes:

Features: Seetec R3410 is a polypropylene-ethylene random copolymer designed for the production of expandable PP and films. It has the good clarity due to the appropriate content of ethylene and offers optimum balance between optical properties and physical strength.

Having no slip agent, it is suitable for laminating layer of co-extruded cast film in food packaging or semi retort pouch. SEETEC R3410 meets the FDA requirement in the code of Federal Regulations in 21 CFR 177.1520 for food contact Applications: EPP (Expandable PP), Film (Non Slip) 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-R3410-Polypropylene-Random-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	90	90	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	0.883 GPa	128 ksi	ASTM D760
Izod Impact, Notched	0.490 J/cm	0.918 ft-lb/in	ASTM D256
	@Temperature 23.0 Â°C	@Temperature 73.4 Â°F	

Thermal Properties	Metric	English	Comments
Melting Point	144 Â°C	291 Â°F	
Deflection Temperature at 0.46 MPa (66 psi)	92.0 Â°C	198 Â°F	ASTM D648
Vicat Softening Point	135 Â°C	275 Â°F	ASTM D1525
	@Load 1.00 kg	@Load 2.20 lb	
Flash Point	>= 340 Â°C	>= 644 Â°F	

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