

LG Chemical SEETEC T3410 Polypropylene Random Terpolymer

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Features: Seetec T3410 is a polypropylene-ethylene-butene random terpolymer designed for the production of Transparent Film and Expandable PP for low seal temperature and high impact strength. It offers optimum balance between good transparency and physical properties. Applications: EPP (Expandable PP) & Film (Slip and Anti-Blocking) CAS No. 25895-47-0 Information provided by LG Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_LG-Chemical-SEETEC-T3410-Polypropylene-Random-Terpolymer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.890 g/cc	0.890 g/cc	ASTM D1505
Melt Flow	7.0 g/10 min	7.0 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	80	80	ASTM D785
Tensile Strength, Yield	22.6 MPa	3270 psi	50mm/min; ASTM D638
Elongation at Break	500 %	500 %	50mm/min; ASTM D638
Flexural Modulus	0.834 GPa	121 ksi	ASTM D760
Izod Impact, Notched	1.08 J/cm	2.02 ft-lb/in	ASTM D256
	@Temperature 23.0 Å°C	@Temperature 73.4 Å°F	

Thermal Properties	Metric	English	Comments
Melting Point	120 - 160 Å°C	248 - 320 Å°F	
Deflection Temperature at 0.46 MPa (66 psi)	80.0 Å°C	176 Å°F	ASTM D648
Vicat Softening Point	125 Å°C	257 Å°F	ASTM D1525
	@Load 1.00 kg	@Load 2.20 lb	
Flash Point	>= 340 Å°C	>= 644 Å°F	

Optical Properties	Metric	English	Comments
Haze	65 %	65 %	2 mm plaque; ASTM D1003
Transmission, Visible	90 %	90 %	transparent; thickness not quantified

Optical Properties

Metric

English

Comments

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