

LG Chemical SEETEC EF321 Ethylene Vinyl Acetate

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate , Ethylene Vinyl Acetate Copolymer (EVA), Film Grade

Material Notes:

Characteristics: Good Mechanical Properties. Good Optical Properties. Additives : No Additive Applications: Agricultural Film CSA No. 25895-47-0 Information provided by LG Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_LG-Chemical-SEETEC-EF321-Ethylene-Vinyl-Acetate.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.928 - 0.932 g/cc	0.928 - 0.932 g/cc	ASTM D1505
Melt Flow	0.80 - 1.2 g/10 min @Load 2.61 kg, Temperature 190 Â°C	0.80 - 1.2 g/10 min @Load 5.75 lb, Temperature 374 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	19.6 MPa	2840 psi	500mm/min; ASTM D638
Film Elongation at Break, MD	400 %	400 %	500 mm/min; ASTM D638
Film Elongation at Break, TD	650 %	650 %	500 mm/min; ASTM D638
Elongation at Break	650 %	650 %	500 mm/min; ASTM D638
2% Secant Modulus	0.650 GPa	94.3 ksi	500mm/min; ASTM D638
Elmendorf Tear Strength MD	220 g	220 g	ASTM D1922
Elmendorf Tear Strength TD	260 g	260 g	ASTM D1922
Dart Drop Test	>= 400 g	>= 0.882 lb	ASTM D1709
Film Tensile Strength at Break, MD	30.4 MPa	4410 psi	500mm/min, Ultimate; ASTM D638
Film Tensile Strength at Break, TD	30.4 MPa	4410 psi	500mm/min, Ultimate; ASTM D638

Thermal Properties	Metric	English	Comments
Melting Point	94.0 Â°C	201 Â°F	10Â°C/min; ASTM D3418
Vicat Softening Point	85.0 Â°C	185 Â°F	ASTM D1525

Optical Properties	Metric	English	Comments
Haze	3.5 %	3.5 %	ASTM D1003
Gloss	105 %	105 %	45Â°; ASTM D2457

Optical Properties

Metric

English

Comments

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