

LG Chemical SEETEC EF443 Ethylene Vinyl Acetate

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

Material Notes:

Characteristics: Good Mechanical Properties and Good Optical Properties
Applications: Agricultural Film
CSA No. 24937-78-8
Information provided by LG Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_LG-Chemical-SEETEC-EF443-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 °C	0.80 - 1.2 g/10 min @Load 5.75 lb, Temperature 374 °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 °C	201 °F	10°C/min; ASTM D3418
Vicat Softening Point	85.0 °C	185 °F	ASTM D1525

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

Optical Properties

Metric

English

Comments

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China