

LG Chemical SEETEC BF410 LDPE

Category : Polymer , Thermoplastic , Polyethylene (PE) , LDPE , Low Density Polyethylene (LDPE), Film Grade

Material Notes:

Characteristics: Good Processability and Excellent Optical Properties
Additives: Antiblocking Agent, Slip Agent
Applications: Industrial Film & Food Package
CAS No. 9002-88-4
Information provided by LG Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_LG-Chemical-SEETEC-BF410-LDPE.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.922 - 0.926 g/cc	0.922 - 0.926 g/cc	ASTM D1505
Melt Flow	1.8 - 2.0 g/10 min @Load 2.61 kg, Temperature 190 Â°C	1.8 - 2.0 g/10 min @Load 5.75 lb, Temperature 374 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	13.2 MPa	1920 psi	500mm/min; ASTM D638
Film Elongation at Break, MD	300 %	300 %	500 mm/min; ASTM D638
Film Elongation at Break, TD	550 %	550 %	500 mm/min; ASTM D638
Elongation at Break	650 %	650 %	500 mm/min; ASTM D638
2% Secant Modulus	1.35 GPa	196 ksi	500mm/min; ASTM D638
Elmendorf Tear Strength MD	400 g	400 g	ASTM D1922
Elmendorf Tear Strength TD	180 g	180 g	ASTM D1922
Dart Drop Test	65.0 g	0.143 lb	ASTM D1709
Film Tensile Strength at Break, MD	26.5 MPa	3840 psi	500mm/min, Ultimate; ASTM D638
Film Tensile Strength at Break, TD	23.5 MPa	3410 psi	500mm/min, Ultimate; ASTM D638

Thermal Properties	Metric	English	Comments
Melting Point	107 Â°C	225 Â°F	10Â°C/min; ASTM D3418
Vicat Softening Point	95.0 Â°C	203 Â°F	ASTM D1525

Optical Properties	Metric	English	Comments
Haze	4.0 %	4.0 %	ASTM D1003
Gloss	95 %	95 %	45Â°; ASTM D2457

Optical Properties	Metric	English	Comments
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