

LG Chemical SEETEC BS500 LDPE

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

Material Notes:

Characteristics: Good Processability and Good cell uniformity& stability Additives: Antioxidant, Antiblocking agent, Slip Agent Applications:

Foam sheet Information provided by LG Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_LG-Chemical-SEETEC-BS500-LDPE.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.918 - 0.921 g/cc	0.918 - 0.921 g/cc	ASTM D1505
Melt Flow	3.1 - 3.5 g/10 min @Load 2.61 kg, Temperature 190 Â°C	3.1 - 3.5 g/10 min @Load 5.75 lb, Temperature 374 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	12.3 MPa	1780 psi	500mm/min; ASTM D638
Elongation at Break	600 %	600 %	500 mm/min; ASTM D638
2% Secant Modulus	1.10 GPa	160 ksi	500mm/min; ASTM D638

Thermal Properties	Metric	English	Comments
Melting Point	105 Â°C	221 Â°F	10Â°C/min; ASTM D3418
Vicat Softening Point	90.0 Â°C	194 Â°F	ASTM D1525

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