

LG Chemical SEETEC ST408 Linear Low Density Polyethylene, Blown Film Grade

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

Material Notes:

Features: Characteristics- Excellent puncture resistance, tear strength. Excellent sealing and optical properties. Comonomer: Octene-1.

Additives- Medium slip agent, Medium antiblocking agent Applications: Stretch wrap, food wrap CAS No. 26221-73-8 Information provided by LG Chemical

Order this product through the following link:

http://www.lookpolymers.com/polymer_LG-Chemical-SEETEC-ST408-Linear-Low-Density-Polyethylene-Blown-Film-Grade.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.914 - 0.916 g/cc	0.914 - 0.916 g/cc	ASTM D1505
Melt Flow	2.2 - 2.6 g/10 min @Load 2.16 kg, Temperature 190 Â°C	2.2 - 2.6 g/10 min @Load 4.76 lb, Temperature 374 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Film Elongation at Break, MD	480 %	480 %	ASTM D882
Film Elongation at Break, TD	750 %	750 %	ASTM D882
Elmendorf Tear Strength MD	24 g	24 g	ASTM D1922
Elmendorf Tear Strength TD	30 g	30 g	ASTM D1922
Dart Drop Test	340 g	0.750 lb	ASTM D1709
Film Tensile Strength at Break, MD	40.2 MPa	5830 psi	Ultimate; ASTM D882
Film Tensile Strength at Break, TD	34.3 MPa	4970 psi	Ultimate; ASTM D882

Thermal Properties	Metric	English	Comments
Vicat Softening Point	95.0 Â°C	203 Â°F	ASTM D1525

Optical Properties	Metric	English	Comments
Haze	0.70 %	0.70 %	ASTM D1003
Gloss	155 %	155 %	45Â°; ASTM D2457

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