

Prime Supply 1

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Specification sheet

Linear Low Density Polyethylene(LLDPE)-Smooth

| Property | Test Method | Value | | | |
|--|--|--|-------|-------|-------|
| Thickness (mils nominal) | ASTM D5199 | 40 | 60 | 80 | 100 |
| Thickness (mils minimum) | ASTM D5199 | 36 | 54 | 72 | 90 |
| Density (g/cm ³ maximum) | ASTM D792, Method B | 0.939 | 0.939 | 0.939 | 0.939 |
| Tensile Strength at Break(lbs/in. width) | ASTM D6693, Type IV | 160 | 240 | 320 | 400 |
| Elongation at Break (%) | ASTM D6693, Type IV | 800 | 800 | 800 | 800 |
| Tear Resistance (lbs) | ASTM D1004 | 25 | 37 | 48 | 62 |
| Puncture Resistance (lbs) | ASTM D4833 | 60 | 90 | 120 | 150 |
| Carbon Black Content(%) | ASTM D4218 | 2-3 | 2-3 | 2-3 | 2-3 |
| Carbon Black Dispersion (Category) | ASTM D5596 | 10 views: 9 views in Cat. 1 or 2 and 1 view in Cat.3 | | | |
| Oxidative Induction Time(minutes) | ASTMD3895,200°C,1atm O ₂ | ≥100 | ≥100 | ≥100 | ≥100 |
| Melt Flow Index(g/10 minutes) | ASTM D1238,190°C, 2.16kg | ≤1.0 | ≤1.0 | ≤1.0 | ≤1.0 |
| Oven Aging | ASTM D5721 | 60 | 60 | 60 | 60 |
| With HP, OIT, (% retained after 90 days) | ASTM D5885, 150°C, 500psi O ₂ | | | | |
| UV Resistance | GRI GM11 | 35 | 35 | 35 | 35 |
| With HP, OIT, (% retained after 1,600 hrs) | ASTM D5885, 150°C, 500psi O ₂ | | | | |
| 2% Secant Modulus(lbs/in max) | D5323 | 2400 | 3600 | 4800 | 6000 |
| Axi-Symmetric Break Resistance Strain (%) | ASTM D 5617 | 30 | 30 | 30 | 30 |

Supply Information (Standard Roll Dimensions)

| Thickness(mils) | Width(ft) | Length(ft) | Approximate Area (Sq Ft) |
|-----------------|-----------|------------|--------------------------|
| 40 | 23 | 835 | 19,205 |
| 60 | 23 | 540 | 12,420 |
| 80 | 23 | 415 | 9,545 |
| 100 | 23 | 335 | 7,705 |

NOTES: 1.) All rolls are supplied with two slings. 2.) All rolls are fitted with a 6 inch ID HDPE core. 3.) Special roll lengths are available upon request. 4.) All roll lengths and widths have a tolerance of ±1%.

SPECIFICATION SHEET Linear Low Density Polyethylene (LLDPE)- Smooth Values All information, recommendations and suggestions appearing in this literature concerning the use of our products are based upon test and data believed to be reliable; however, it is the user's responsibility to determine the suitability for their own use of the products described herein. Since the actual use by others is beyond our control, no guarantee or warranty of any kind, expressed or implied, is made by Prime Supply 1, as to the effects of such use or the results to be obtained, nor does Prime Supply 1, assume any liability in connection herewith. Any Statement made herein may not be absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations. Nothing herein contained is to be construed as permission or as a recommendation to infringe any patent.