

SuperGeo™ Textured LLDPE Nominal Product Specifications

| Properties | Test Method | Frequency | Minimum Average Values | | | |
|--|------------------------|------------|------------------------|---------------------|---------------------|---------------------|
| | | | 30 mil | 40 mil | 60 mil | 80 mil |
| Thickness, mil | | | Nom. (-10%) | Nom. (-10%) | Nom. (-10%) | Nom. (-10%) |
| Lowest individual reading 8 out of 10 Lowest individual reading for any of 10 values | ASTM D5199 | Per roll | -15% -20% | -15% -20% | -15% -20% | -15% -20% |
| Density, g/cm ³ (Maximum) | ASTM D1505 | 200,000 lb | .939 | .939 | .939 | .939 |
| Asperity Height ⁽¹⁾ | ASTM D7466 | Every Roll | 16 | 16 | 16 | 16 |
| Tensile Properties (Each Direction) Strength at Break, lb/in width (N/mm) Elongation at Break, % | ASTM D6693, Type IV | 20,000 lb | 41 (7) 250 | 54 (9) 250 | 81 (14) 250 | 108 (19) 250 |
| Tear Resistance, lb (N) | ASTM D1004 | 45,000 lb | 14 (63) | 20 (90) | 30(135) | 40 (178) |
| Puncture Resistance, lb (N) | ASTM D4833 | 45,000 lb | 30 (135) | 40 (180) | 59 (262) | 79 (351) |
| Carbon Black Content, % (range) | ASTM D1603 | 20,000 lb | 2.0 – 3.0 | 2.0 – 3.0 | 2.0-3.0 | 2.0 – 3.0 |
| Carbon Black Dispersion | ASTM D5596 | 45,000 lb | Note ⁽²⁾ | Note ⁽²⁾ | Note ⁽²⁾ | Note ⁽²⁾ |
| Standard Roll Dimensions | | | | | | |
| Roll Length ⁽²⁾ , ft | | | 1,020 | 790 | 550 | |
| Roll Length ⁽²⁾ , ft | | | 21.5 | 21.5 | 21.5 | |
| Roll Area ⁽²⁾ , ft | | | 21,930 | 16,985 | 11,825 | |

⁽¹⁾ of 10 readings; 8 of 10 must be ≥ 14 mils (53mm), and lowest individual reading must be ≥ 12 mils (30mm)

⁽²⁾ 9 of 10 views shall be Category 1 or 2. No more than 1 view from Category 3.

⁽²⁾ Roll widths and lengths have a tolerance of $\pm 1\%$

*Custom material thicknesses also available

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MILES CITY, MT
 184 Hwy 59 N
 Miles City, MT . 59301
 800.488.3592
 406.234.1680

MIDLAND, TX
 11701 Co. Rd. 125 W
 Midland, TX . 79711
 800.583.6005
 432.563.4005

PLEASANTON, TX
 4300 S Hwy 281
 Pleasanton, TX . 78064
 830.569.4005

HOUSTON, TX
 8615 Golden Spike Ln
 Houston, TX . 77086
 800.364.7688
 281.272.1660

