



Dakota HDPE 60 Textured (SX) Specification Sheet

| <u>Properties</u> | <u>Test Method</u> | <u>Frequency</u> | <u>Unit</u> | <u>Value</u> |
|--|--------------------|------------------|-------------|--------------|
| Thickness (min. ave) | ASTM D 5994 | Every Roll | mils | 57 |
| Lowest individual for 8 out of 10 values | | | mils | 54 |
| Lowest individual for 10 out of 10 values | | | | 51 |
| Asperity Height (min. ave) | GRI-GM-12 | Every roll | mils | 10 |
| Resin Density | ASTM D-1505 | 1/batch | g/cc | >0.932 |
| Melt Index | ASTM D-1238 | 1/batch | g/10 min. | 1.0 |
| Sheet Density | ASTM D-1505 | Every 2 rolls | g/cc | >0.94 |
| Carbon Black Content | ASTM D-4218 | Every 2 rolls | % | >2.0/<3.0 |
| Carbon Black Dispersion | ASTM D-5596 | Every 6 rolls | Category | Cat. 1 & 2 |
| Oxidation Induction Time (min. ave) | ASTM D-3895 | 1/Batch | min. | 100 |
| Tensile Properties (min. ave) | ASTM D6693 | Every 2 rolls | | |
| Strength at Yield | | | ppi | 132 |
| Elongation at Yield | | | % | 13 |
| Strength at Break | | | ppi | 132 |
| Elongation at Break | | | % | 150 |
| Tear Resistance (min. ave) | ASTM D-1004 | Every 6 rolls | lbs | 45 |
| Puncture Resistance ASTM (min. ave) | ASTM D-4833 | Every 6 rolls | lbs | 120 |
| Dimensional Stability | ASTM D-1204 | Every 6 rolls | % | +/- 2 |
| Stress Crack Resistance (SP-NCTL) | ASTM D-5397 | 1/Batch | hr. | 300 |
| Oven Aging (min. ave) | ASTM D-5721 | Per formulation | % | 55 |
| UV Resistance GRI-GM-11 (min. ave) | ASTM D-5885 | Per formulation | % | 50 |
| Supply Specifications (Roll dimensions may vary +/- 1%) | | | | |
| Roll Dimension – Width | | | ft | 22 |
| Roll Dimension – Length | | | ft | 520 |
| Area (Surface/Roll) | | | sf | 11,440 |

The values listed are typical properties and are intended to be used as guidelines only, not as specification limits. No guarantee or warranty is made by Integra Plastics, Inc. as the manner of use, handling and site conditions are beyond our control. Install in accordance with accepted industry standards.

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