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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Tensile Properties of Thin Plastic Sheeting (ASTM D882) | | | | | | | | |
| University of Illinois at Urbana-Champaign Geosynthetics Laboratory | | | | | | | | |
| Tests Performed by: | Material:  Manufacturer: | | | | | Nominal thickness(T): Nominal width(W): Initial grip separation(L): Sample Dimensions: | | |
| Date: |
|  |
| Rate of grip separation:  500 mm/min | Sample | Load at 100%  (N)  P100 | Load at break (N)  Pbreak | Increase in length (mm)  ΔL | Tensile Break Strength (kPa) | Elongation at break (%) | Secant Modulus @ 100% (kPa) | Secant Modulus @ break (kPa) |
| Machine Direction (MD) | 1 |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |  |
| Transverse Direction(TD) | 1 |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |  |