|  |
| --- |
| **Standard Test Method for Brittleness Temperature of Plastic Sheeting by Impact (ASTM D1790)** |
| **University of Illinois at Urbana-Champaign****Geosynthetics Laboratory**  |
| Tests Performed by: | Material:Manufacturer: | Nominal thickness ($T\_{o})$: Temperature: |
| Date: |
|  |
| Sample | Brittleness Test Pass (Yes/No) |
| 1 |  |
| 2 |  |
| 3 |  |
| 4 |  |
| 5 |  |
| 6 |  |
| 7 |  |
| 8 |  |
| 9 |  |
| 10 |  |

|  |  |
| --- | --- |
| Percent Passing (%) | FGI-1117 |
|  | >50% Passing |

**FGI-1117 PVC Geomembrane Specification**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Nominal Thickness** | **10 mil****(0.25 mm)** | **20 mil****(0.51 mm)** | **30 mil****(0.76 mm)** | **40 mil****(1.02 mm)** | **50 mil****(1.27 mm)** | **60 mil****(1.52 mm)** |
| Temperature | -10$°$ F-23$°$ C | -15$°$ F-26$°$ C | -20$°$ F-29$°$ C | -20$°$ F-29$°$ C | -20$°$ F-29$°$ C | -20$°$ F-29$°$ C |