|  |  |  |
| --- | --- | --- |
| **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 (:  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 |