

## RESULT OF UV RESISTANCE D4355

Strength Retained measured via strip tensile (D5035)

Report date: 27/12/2023

| Fabric        | SF30          | Tracking #      | 23AD04A24 | Testing #        | 011223      | Coefficient of variation |
|---------------|---------------|-----------------|-----------|------------------|-------------|--------------------------|
| Specification | 3'            | Production date | 23/11/23  | Times of testing | 1           |                          |
| Filter        | S/Type S Boro | UV Sensor       | 340nm     | Black Panel      | Uninsulated |                          |
| Parameter     | Unit          | Value           |           | Mean             | Std         | % Retained               |

## Strip Tensile Strength - B

|            |     |       |       |       |       |       |        |     |  |      |
|------------|-----|-------|-------|-------|-------|-------|--------|-----|--|------|
| MD         | lbs | 285.4 | 301.7 | 291.9 | 308.3 | 299.5 | 297.36 | 8.9 |  | 3.0% |
| TD         | lbs | 291.4 | 297.4 | 294.2 | 299.9 | 297.9 | 296.16 | 3.4 |  | 1.1% |
| MD- Elong. | %   | 19.7  | 20.1  | 21.5  | 19.5  | 20.2  | 20.2   | 0.8 |  | 3.9% |
| TD- Elong. | %   | 22.3  | 22.3  | 22.7  | 24.1  | 22.9  | 22.86  | 0.7 |  | 3.2% |

## Strip Tensile Strength - Exposed for 150hrs

|            |     |       |       |       |       |       |        |      |        |      |
|------------|-----|-------|-------|-------|-------|-------|--------|------|--------|------|
| MD         | lbs | 295.6 | 293.8 | 312.9 | 279.9 | 291.7 | 294.78 | 11.8 | 99.1%  | 4.0% |
| TD         | lbs | 292   | 303.1 | 303.1 | 287.7 | 295.2 | 296.22 | 6.8  | 100.0% | 2.3% |
| MD- Elong. | %   | 20.1  | 18.9  | 18.4  | 19.2  | 20.3  | 19.38  | 0.8  | 95.9%  | 4.2% |
| TD- Elong. | %   | 23.1  | 24.3  | 24.1  | 21.2  | 22.7  | 23.08  | 1.2  | 101.0% | 5.4% |

## Strip Tensile Strength - Exposed for 300hrs

|            |     |       |       |       |       |       |        |      |       |      |
|------------|-----|-------|-------|-------|-------|-------|--------|------|-------|------|
| MD         | lbs | 255.8 | 296.5 | 272   | 308.4 | 280.1 | 282.56 | 20.6 | 95.0% | 7.3% |
| TD         | lbs | 278.5 | 297.7 | 296.7 | 269.5 | 292   | 286.88 | 12.4 | 96.9% | 4.3% |
| MD- Elong. | %   | 19.3  | 19.0  | 16.5  | 19.0  | 19.6  | 18.68  | 1.2  | 92.5% | 6.7% |
| TD- Elong. | %   | 23.6  | 20.4  | 22.6  | 20.2  | 21.3  | 21.62  | 1.5  | 94.6% | 6.7% |

## Strip Tensile Strength - Exposed for 500hrs

|            |     |       |       |       |       |       |        |      |       |      |
|------------|-----|-------|-------|-------|-------|-------|--------|------|-------|------|
| MD         | lbs | 258.7 | 289.7 | 270.8 | 274.6 | 254   | 269.56 | 14.1 | 90.7% | 5.2% |
| TD         | lbs | 279.2 | 262.9 | 262.4 | 286.7 | 276.5 | 273.54 | 10.6 | 92.4% | 3.9% |
| MD- Elong. | %   | 14.4  | 16.0  | 16.2  | 15.4  | 16.2  | 15.64  | 0.8  | 77.4% | 4.9% |
| TD- Elong. | %   | 19.0  | 17.5  | 19.1  | 18.5  | 17.8  | 18.38  | 0.7  | 80.4% | 3.9% |

Yes ☒No ☐

B: Baseline Unexposed

MD: Machine Direction

TD: Transverse Direction

Test results reported herein do not apply to samples other than those tested.

LP  
Tinh