



## TECHNICAL DATA SHEET

### AlphaOne™ (A1) Machine Film

Two-sided cling co-extruded cast machine grade stretch wrap film

| PROPERTY                 |                 |     | UNITS | TEST METHOD | TYPICAL RESULT |        |        |        |        |        |        |        |
|--------------------------|-----------------|-----|-------|-------------|----------------|--------|--------|--------|--------|--------|--------|--------|
| Thickness                | mil<br>(micron) |     |       |             | 0.50           | 0.60   | 0.63   | 0.70   | 0.75   | 0.80   | 0.90   | 1.15   |
|                          |                 |     |       |             | (12.7)         | (15.2) | (16.0) | (17.8) | (19.0) | (20.3) | (22.9) | (29.2) |
| Dart Impact Strength     | g               |     |       | D1709       | 70             | 80     | 85     | 90     | 95     | 100    | 110    | 130    |
| Tensile Strength @ Break | MD              | psi |       | D882        | 4,800          | 4,800  | 4,800  | 4,800  | 4,800  | 4,800  | 4,800  | 4,800  |
|                          | TD              |     |       |             | 3,200          | 3,200  | 3,200  | 3,200  | 3,200  | 3,200  | 3,200  | 3,200  |
| Elongation @ Break       | MD              | %   |       | D882        | 360            | 370    | 375    | 380    | 395    | 410    | 430    | 490    |
|                          | TD              |     |       |             | 510            | 550    | 560    | 570    | 575    | 580    | 600    | 620    |
| Elmendorf Tear Strength  | MD              | g   |       | D1922       | 170            | 230    | 250    | 280    | 305    | 330    | 380    | 420    |
|                          | TD              |     |       |             | 400            | 450    | 470    | 500    | 525    | 550    | 600    | 700    |

**Berry Global**  
 101 Oakley Street  
 Evansville, IN 47710  
 CS 1.866.787.3456  
[www.berryplastics.com](http://www.berryplastics.com)

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