

## Polyester **Hydrolox**<sup>®</sup> vs. Polyester OEM Hydro-entangled Media

|  | <b>Hydrolox<sup>®</sup></b><br>from Bondex<br>POF100HU1H | Polyester hydro-entangled bag from leading collector OEM |
|--|--|--|
| Fiber  | 1.5d Polyester   | 1.5d Polyester   |
| Weight (oz/yd <sup>2</sup> )                 | 10   | 10   |
| Air Permeability (cfm)                       | 33.5   | 30.1   |
| Thickness (mil)                              | 51   | 50   |
| Mullens Burst (psi)                          | 400  | 405  |
| Tensile (MD lbf)                             | 213  | 213  |
| Tensile (CD lbf)                             | 323  | 270  |
| Elongation @ 11.24 lbf (%)                   | 0.9  | 2.1  |
| Heat Stability (% Shrinkage at 300 F)        | 1.0  | 0.5  |
| <u>VDI Test Data: (ASTM D6830-02)</u>        |  |  |
| Average Cycle Time [s]                       | 185  | 174  |
| Total Efficiency %                           | 99.989   | 99.996   |
| Total Emissions %                            | 0.011  | 0.004  |
| Clean Gas Concentration [mg/m <sup>3</sup> ] | 0.18   | 0.07   |

The property values listed in this specification are determined through statistical sampling from production campaigns and are subject to industry-wide tolerances. Typically, Bondex test protocol requires averaging at least ten representative measurements to produce a reported value, and the company reserves the right to make amendments without notice. Hydrolox<sup>®</sup> is a registered trademark of Bondex, Inc.