

The Opportunity

Glopak, Inc. has developed and patented a multilayer polyethylene sheet with the look and feel of paper. The material can be substituted for paper in a multitude of applications such as food wrapping paper sheet material, stitched multi-wall paper bags, manufacturing packaging applications, labels, folders, and a variety of other product forms. This ***paper-feel plastic sheet*** can be easily printed on, and is ***substantially less expensive than paper.***

Glopak projects that the paper-feel plastic is ideally suited for use in food packaging, including cartons and multilayer bags of all sizes.

- Paper-Feel has a substantial cost advantage over paper in most applications.
- Paper-Feel meets a large, well-defined market need.

Technology

Paper-Feel is a multi-layer sheet formed from an outer layer, a middle layer, and an inner layer. The layers are mostly polyethylene with admixtures of pigment and a finely granulated material adapted to give the feel of paper. The percent of granulated material and pigment decreases by layer, with the outer layer containing the most. The granulated material imparts the look and feel of paper to the outer layer, including reflective qualities and texture.

The sheet can be made from linear low-density polyethylene, high-density polyethylene, or a mixture of both, depending on the intended application. Some layers may also include a filler to assist in forming the end product.

The sheet can also be made to meet specific food packaging requirements such as low oxygen and water vapor transmission rates.



The granular texture of the outer layer increases its coefficient of friction. Bags made from Paper-Feel do not slip as easily as ordinary plastic bags, allowing for easy stacking of product.

Paper-Feel offers an ideal solution to packaging of foods and pet foods in a wide range of sizes and shapes.

Intellectual Property

The materials and manufacturing process are protected by three US patents, 6,054,218; 6,265,067; and 6,361,728.

For More Information

The Company is seeking qualified licensees to bring their innovative new paper-feel plastic sheet into commercial use. For more information, contact:

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