# *Green Dot Bioplastics Announces Metallization Success with Terratek® BD3003*

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Metallization is used in many flexible packaging applications to improve barrier performance, as well as for decoration and marketing differentiation. Green Dot Bioplastics is excited to announce initial film metallizing success in collaboration with Rol-Vac, LP, a leader in the metallization of plastic films and other flexible substrates. This success expands the application possibilities for our TUV Austria certified home and industrial compostable material Terratek ® BD3003.

The metal adhesion is quite good, making this home and industrial compostable resin a promising option for metallized film applications.  Like LDPE, Terratek® BD3003 is a softer film even after it is metallized and maintains its great puncture and tear resistance properties. The softer feel of the film, quite different from the stiffness of other compostable films such as those made from polylactic acid (PLA), will make a package stand out to consumers.  Green Dot Bioplastics is eager to continue this metallization work with leaders in the food and consumer packaging industries.

Terratek® BD3003 has a natural dyne level of 39 lending itself well to adhesion, coating, and laminating. With properties similar to low density polyethylene (LDPE), this compostable resin does not require major processing parameter changes or significant adjustments in downstream secondary operations.

“Film metallization is important to give compostable plastics necessary barrier properties”, said Mark Remmert, Green Dot CEO, “and we are excited that research at Green Dot Bioplastics has brought forth another breakthrough advancement for the industry”.

## About Green Dot Bioplastics, Inc.

Green Dot Bioplastics, Inc is a bioscience social enterprise headquartered in Emporia, Kansas. Celebrating a decade of sustainability, Green Dot is a full-service bioplastics company dedicated to delivering the very best of sustainable materials to our customers. That's the thinking behind our Terratek® line of bioplastics, developed to meet the growing demand for biobased and compostable materials with fewer of the drawbacks associated with traditional plastics. www.greendotbioplastics.com.

## About Rol-Vac, LP

Rol-Vac was established as a privately held company in 1998, but its history dates to 1985 when a division of a multi-national corporation became a fast growing, privately held company serving diverse metallizing need; key leadership, manufacturing employees, sales force and customers guided Rol-Vac, LP through this transition.

Our Owner and President have industry leading expertise derived from a lifetime dedicated to the vacuum metallization of film.  This passion has filtered down throughout our organization and materializes when the finished product is shipped out the door and to another satisfied customer. www.rolvac.com

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