



TECHNICAL DATA SHEET

Product Name: BIOBLAKR® - PP

Description: BIOBLAKR®- PP is a direct replacement to industry carbon blacks. BIOBLAKR®- PP contains USDA certified 99% new carbon*. This product is designed for compounding resins which require a black colour

Method of Usage: BIOBLAKR® - PP is designed for ease of dispersion and is therefore suitable for direct addition and mixing with plastic resins in a mixer, avoiding pollution and mal scattering problems caused by pigment. Should be dried down to 0.1% or less in a desiccant dryer for 2- 3 hours at 90 °C with a dew point of air at -40 °C. Recommended let down ratio is between 2% and 5 %. Competitive Green Technologies recommends the entire product be consumed at the time of opening the aluminum foil lined packaging. If material cannot be consumed, the aluminum foil lined packaging me be re-sealed to prevent moisture absorption.

Range of Application: BIOBLAKR® - PP is designed for use in PP, HDPE, and LDPE

Packaging: BIOBLAKR® is a registered trademark of Competitive Green Technologies. BIOBLAKR® -PP is supplied in pellet form packaged in 25 Kg aluminum bags, 545 Kg gaylords, or 818 Kg supersacks containing an aluminum foil liner. It should be stored in a cool, dry location and remain sealed when not in use.

Physical Properties	Typical Values*
Carrier	Polypropylene
Pigment Content	40%-50%
Density	1.09 g/cm ³
Melt Flow Index	15 g/10 min @ 190°C/2.16 Kg
**Electrical Conductivity	0.8 S/m @ 1000 kPa compression pressure
**Thermal Conductivity	0.6679 W/m-K

Note: Values provided are typical and should not be interpreted as product specification.

The results reported are typical with the caveat that due to variable processing methods and conditions, no guarantees or warranties are expressed or implied, including expressions of fitness for purpose or merchantability.
This is a patented formulation.

*We have used patented Bio-Carbon substitute which has been certified by USDA as per above label as 99% new carbon.

**Electrical Conductivity and Thermal Conductivity measurements are reflective of biocarbon



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