

A QUICK GUIDE TO BIOPLASTICS

BIO-BASED LDPE



Our bioplastics solutions are made of LDPE – Low Density Polyethylene, which is sourced from sustainable, GMO free sugar canes. Often called Green PE.

THE SAME PROPERTIES

Bio-based LDPE has the same physical and chemical properties, retaining performance and application versatility of polyethylene from fossil origin.

For the same reason, it also maintains full recycling capabilities.



LOWERING THE CARBON FOOTPRINT



Each metric ton of Bio – polyethene produced avoids the emission of 2 to 2.5 metric tons of carbon dioxide on a lifecycle basis.

It captures and fixes CO2 from the atmosphere during its production, helping to significantly reduce greenhouse gases emission when compared to standard fossil LDPE.

MORE BENEFITS

Compared to conventional plastics, bio-based LDPE save fossil resources by using biomass which regenerates (annually) and provides the unique potential of carbon neutrality.

