



## Bio Sustainable

Swedbag has developed a new more environmental friendly material for plastic bags, Bio Sustainable. A material where the virgin raw material, to 75% is replaced with recycled plastic and a material produced from oyster shells. The recycled plastic is collected and washed in a closed system. The material based on oyster shells are made from washed and milled oyster shells.

Swedbag has tested the material and taken into consideration numerous aspects to find the best mixture of the two materials. It has given us the mix; 70% recycled plastic and 25% oyster shells. 5% is pigment and materials giving the plastic necessary properties for printing, conversion and strength.

The greatest benefit we get when producing bags in the material Bio sustainable is the carbon dioxide emissions are reduced compared to the use of a virgin fossil raw material, LDPE (Polyethene). 1kg Bio Sustainable material reduces the use of oil with over 1 liter.

Swedbag is continuously working to reduce the impact of the environment and strive to be pioneers. Bio Sustainable is our latest news!

PRODUCT	THICKNESS	CONTENT	PRINTABILITY	STRENGHT
Bio Sustainable	30 – 100µ	Recycled plastic, oyster shells, LDPE	Good	Good

TYPE	THICKNESS
Die cut	fr 40 µ
Flexiloop	fr 50 µ
Shopper	35 - 60 µ
Blockhead	35 µ
Sacks	fr 50 µ

