



## E-K-S Bioline® Paper fiber

### **RAW MATERIAL:**

Corn starch ISCC Plus certified, as well as residues from the wood industry from PEFC certified forestry.

### **SUSTAINABILITY:**

Our E-K-S Bioline® paper fiber contributes to a reduced use and dependence on limited fossil raw materials. It thus promotes a sustainable plastics recycling economy.

### **IMPROVED CO2 BALANCE:**

E-K-S Bioline® paper fiber contains a biogenic carbon content of approx. 45%. This has a positive effect on sustainability, as less fossil CO2 is released into the atmosphere at end-of-life.

### **LIFE CYCLE ASSESSMENT / RECYCLABILITY:**

Our E-K-S Bioline® paper fiber can be recycled mechanically in existing recycling plants, it also has the potential to contribute to an improved (Life cycle assessment) - "closed-loop". Furthermore, our E-K-S Bioline® paper fiber is biodegradable and industrially compostable in accordance with DIN EN 13432.

### **ETHICAL LAND MANAGEMENT:**

Plants that are used for industrial purposes, such as those required for the raw material of our E-K-S Bioline® paper fiber can also be grown on soils that are not suitable for food crops. In this way, they do not displace food crops and improve biodiversity. No genetically modified plants (GMO) are used for the sustainable and ISCC Plus-certified cultivation of the maize starch used.

### **CERTIFICATION:**

The material of our E-K-S Bioline® paper fiber complies with Directive 2011/65/EU (RoHS), Annexes XVII and XIV of Directive 1907/2006/EC (REACH) and complies with the SVCH-list of ECHA.

### **TECHNICAL PROPERTIES:**

The known technical properties of our E-K-S products remain unchanged even when E-K-S Bioline® paper fiber, so that you can convert the material in existing packaging / projects without any problems.

