OUR MISSION: ENVIRONMENTAL AWARENESS AND SUSTAINABILITY

OUR ECOLOGICAL FIBERS AND THEIR PROPERTIES

NATURAL AND ORGANIC FIBERS:

Description	Properties	Application	Temperature* (continuous)
WOOL Originally used exclusively as a name for sheep's wool, now also for animal hair such as mohair and cashmere (goat), alpaca and camel hair used. Oldest fiber used for textiles.	» environmentally friendly » sustainable/renewable » biodegradable » high thermal isolation » flame retardant » moisture-regulating » absorption of sound » absorption of pollutants » good stainability	» clothing » isolation materials » decorative items » piano felts » abrasives » polishing materials » dosing aid for lubricants and adhesives	94°C– 110°C
VISCOSE chemical fiber spun from cellulose (wood)	» high moisture absorption » easily flammable » from naturally renewable raw materials » very easy to dye	» clothing » automotive » preliminary product for carbon fibers	80°C – 94°C
POLYLACTIDE (PLA) biodegradable plastic	» biodegradability (industrial) » high moisture absorption » low UV resistance » very low flammability » relatively low density » resistant to oils, fats and alcohol	» food industry » filtration » hygiene & medical application » packaging	70°C - 80°C
BIODEGRADABLE PET Biophilic polymer formulation biodegradable	» mainly organic macromolecules » similar structure and properties to synthetic fibers » biodegradable sites where microbes can colonize » engineered to biodegrade in harmony with nature, allowing for a balance between durability and sustainability	» hygiene products » home decoration textiles » automotive » technical applications	130°C – 150°C

* The technical data refers to a dry application environment, are determined according to the standards and apply within the usual tolerances. No liabilities can be derived from this. The suitability of the product for the respective application must be checked before processing or use.

RECYCLED