



get the difference

BIO-BASED COMPOUNDS FROM BADA



- Sustainable solutions based on PA11, PA510, PA1010 and other polymers available
- Impressive and diverse property profile
- Reduction of CO2 footprints
- Positive image and customer preference for a sustainable future
- Possible diverse modifications according to your wishes
- Injection moulding and extrusion qualities available

DISCOVER THE SUSTAINABLE DIVERSITY WITH OUR “BIOPLASTICS” BASED ON CASTOR OIL – BADAGREEN PA11, PA510 AND PA1010!

Developed from a sustainable source, these special polyamides offer an impressive combination of strength, flexibility and durability. The production from the castor oil not only reduces dependence on fossil fuels, additionally it also minimizes environmental impact by significantly reducing the carbon footprint.

By using castor oil as the main ingredient, these compounds help reduce environmental impact and promote the transition to a more sustainable future. Castor oil is produced by pressing the seeds of the *Ricinus communis* plant, also known as the castor, castor oil plant, or miracle tree, and does not compete directly with food competition with human consumption. Currently, less than 0.1% of arable land is cultivated for bioplastics.

Whether in automotive engineering, in the aerospace industry, in the medical sector, or in the everyday consumer goods industry - bio-based BADAGREEN compounds are characterized by their versatility and reliability. Their unique composition makes them resistant to many chemicals.



► FOR DETAILED QUESTIONS, PLEASE CONTACT THE APPLICATION TECHNOLOGY DEPARTMENT AT BADA AG.

BIOBASIERTE COMPOUNDS VON BADA

But these materials are also in no way inferior to pure petroleum-based products in terms of mechanical properties or heat resistance, which makes them the optimal choice for demanding applications. **BADAGREEN PA510-types** also have a very high surface quality, which enables Class A surfaces in the automotive sector.

BADA AG offers **BADAGREEN PA11, PA510 or PA1010** solutions depending on the customer's requirements and application-specific properties. Sustainable compounds based on **PA6, PA66 and PBT** with recycled content are available as well.



Source: CARBONIT Filtertechnik GmbH

In cooperation with the company Carbonit Filtertechnology GmbH from Salzwedel, the **BADAGREEN PA11WL**, for example, was developed for the lids of activated carbon filter cartridges of water filter systems. The BADAGREEN PA11 WL is suitable for application in direct contact with drinking water and have been successfully tested for this special and sensitive application in accordance with DIN EN 16421 (former DVGW W270 worksheet).

"GET THE DIFFERENCE" ALSO WHEN IT COMES TO SUSTAINABILITY. WE ARE HAPPY TO ADVISE YOU - CHALLENGE US, WE LOOK FORWARD TO YOU.

BADAMID®

PA6 | PA66 | PA66/6 | PA6/6T | PPA
PA46 | PA9T | PA12 | PA612 | PA610

BADATECH HT®

HIGH-PERFORMANCE COMPOUNDS

BADAGREEN®

SUSTAINABLE COMPOUNDS

BADADUR®

PBT | BLENDS

BADALAC®

ABS-SPECIALITIES | BLENDS

BADALON®

PC-SPECIALITIES | BLENDS

BADAFLEX®

TPE-S | TPU | TPE-E

BADAPRENE®

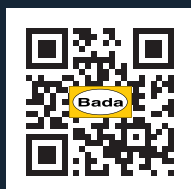
TPV | EPDM | PP

BADATRON®

PPS

BADAPROP®

PP-SPECIALITIES



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