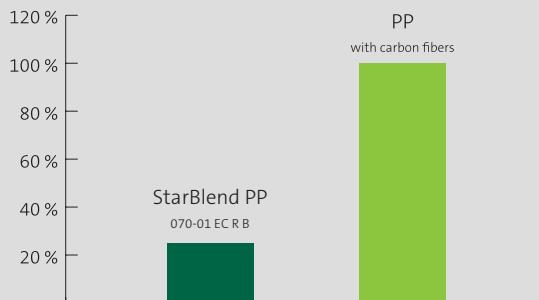


# StarBlend®

## Electrically conductive compounds



### > GWP PFT kg CO<sub>2</sub> – conductive PCR compounds



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## ELECTRICALLY CONDUCTIVE COMPOUNDS – WHERE PRECISION MEETS PERFORMANCE

SÜDPACK's StarBlend compounds, made with post-industrial or post-consumer recycled content or with bio-based materials and fillers such as talc, chalk, and natural fibers, now combine greater sustainability with enhanced performance and new functional properties.

Most plastics are electrical insulators and can become statically charged through friction. Uncontrolled electrostatic discharges cause millions in damages every year – particularly in sectors such as microelectronics, medical technology, chemicals, logistics, and explosion protection – due to product damage, performance loss, or even explosions.

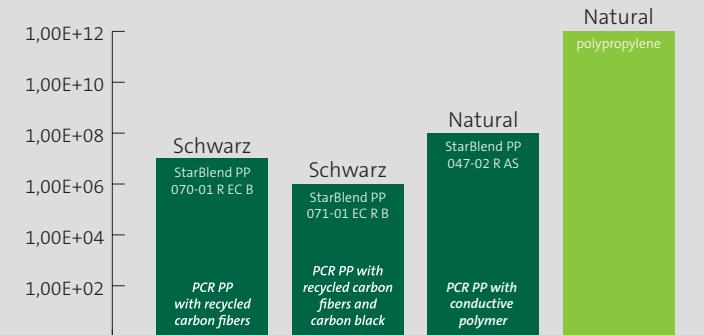
To prevent this, SÜDPACK enhances its PP-based compounds with tailored additives to achieve conductivity levels ranging from antistatic to fully conductive, depending on the requirements. In addition to black and uncolored variants, the compounds can also be color-matched to meet specific design requirements – such as defined housing colors. Thanks to their low weight, these compounds are ideally suited for efficient lightweight applications.

## ADVANTAGES

- > Lightweight, electrically conductive compounds with excellent processability
- > ESD protection for sensitive electronic components
- > Engineered to prevent sparking in potentially explosive environments



### > Surface resistance [Ω]



★ **StarBlend**  
by SÜDPACK