

## COMPOUNDS WITH FLAME PROTECTION, SAFETY AND FUNCTIONALITY

Increasing safety requirements in the fields of electrical engineering, e-mobility and building technology demand flame-retardant compounds with a high level of technical functionality. SITRAPLAS offers a high-quality portfolio of flame-retardant products based on various polymers. Depending on the requirements, SITRAPLAS grades are halogen/PFAS-free if required and therefore set ecological standards. Our flame-retardant compounds meet the requirements of application areas and can be provided with corresponding test certificates.

### PROPERTIES

Halogen free

Transparent

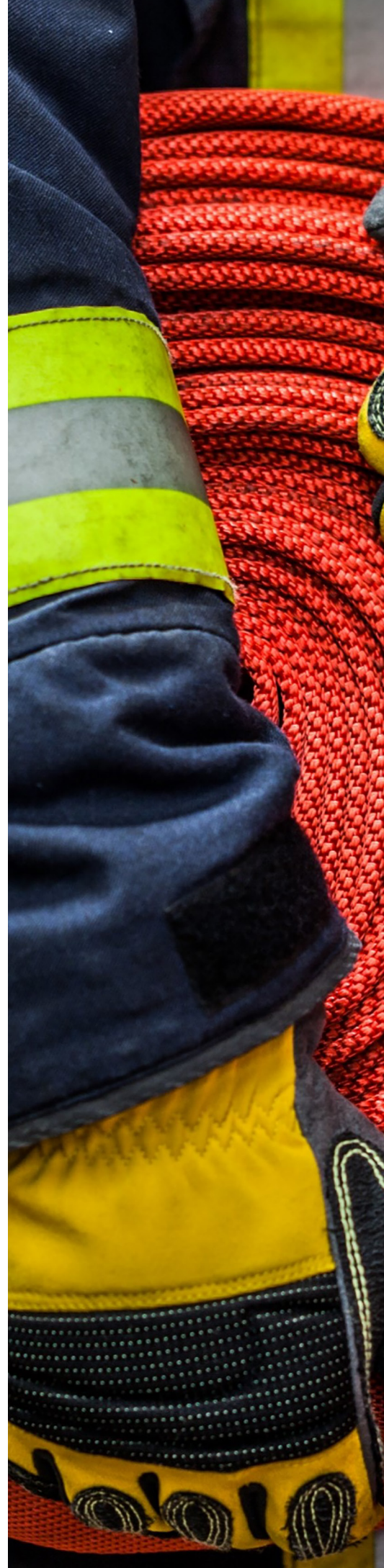
Full colour range

High heat resistance

PFAS-free

#### What does PFAS-free mean:

Many leading industrial companies are already committed to 100% halogen- and PFAS-free flame-retardant products. We are also aware of our responsibility and therefore offer compounds with PFAS-free flame retardancy. SITRAPLAS offers application-specific compound variants of the highest quality. Depending on the component requirements, technical properties or color can be optimally adjusted to customers' applications and wishes. The materials can be supplied at short notice.



This is a small selection of our flame-retardant products.

| Product group                           | Description                           | Technical features     | UL94 | Thickness     | Yellow card |
|---|---------------------------------------|------------------------|------|---------------|-------------|
| <b>Transparent / translucent grades</b> |                                       |                        |      |               |             |
| EN-LIGHT                                | SITRALON (PC) FR-19-UV / C07105       | Prime                  | V0   | 1,5 mm / 3 mm | All colour  |
| EN-LIGHT                                | SITRALON (PC) 14E-FR-UV/C01000        | Prime                  | V0   | 1,5 mm / 3 mm | –           |
| <b>Recycling grades</b>                 |                                       |                        |      |               |             |
| GREEN COMPOUNDS                         | SITRALON (PC) 25R-IM-UV-FR / C9010    | PIR 100 <sup>(1)</sup> | V2   | 1,5 mm / 3 mm | –           |
| GREEN COMPOUNDS                         | SITRALON (PC) 11R -V0                 | PIR 100 <sup>(1)</sup> | V0   | 1,5 mm        | –           |
| <b>Impact modified grades</b>           |                                       |                        |      |               |             |
| TP-SERIES                               | SITRACON (PC+PBT) FR-1220-IM-UV/C3002 | Prime                  | V0   | 1,5 mm        | –           |
| <b>Reinforced grades</b>                |                                       |                        |      |               |             |
| TP-SERIES                               | SITRALON (PC) GV10/V0                 | Prime                  | V0   | 1,5 mm / 3 mm | All colour  |
| TP-SERIES                               | SITRALON (PC) GV20/V0                 | Prime                  | V0   | 1,5 mm / 3 mm | All colour  |
| <b>Technical blends</b>                 |                                       |                        |      |               |             |
| MG-SERIES                               | SITRALOY (PC+ABS) 2205-FR / C7011     | Prime                  | V0   | 1,5 mm / 3 mm | All colour  |
| MG-SERIES                               | SITRALOY (PC+ABS) FR1235 / C94150     | Prime                  | V0   | 1,5 mm / 3 mm | –           |
| <b>Standard grades</b>                  |                                       |                        |      |               |             |
| TP-SERIES                               | SITRALON (PC) FR 16 UV/C7035          | Prime                  | V0   | 1,5 mm / 3 mm | All colour  |
| TP-SERIES                               | SITRALON (PC) FR 16 UV/C9010          | Prime                  | V0   | 1,5 mm / 3 mm | All colour  |

(1) Labelling according to DIN SPEC 91446

Flame Retardant Compounds

**PFAS-free**

Contact us for details!

