

## Technical Data Sheet

Fibracon<sup>®</sup> PTFE + Anti-Static Filler

[Characteristics compared to virgin PTFE]

## Product characteristics

- Addition of carbon gives anti-static properties to the material
- Grades are available where the raw material has been approved to FDA standards

## Product applications

- Flammable environments
- Electronic enclosures

|                              | Test method | Unit              | Guideline Value |
|------------------------------|-------------|-------------------|-----------------|
| <b>General properties</b>    |             |                   |                 |
| Density                      | ASTM D4894  | g/cm <sup>3</sup> | 2.15            |
| <b>Mechanical properties</b> |             |                   |                 |
| Hardness                     | Needle      | Shore D           | 56              |
| Tensile Strength (23°C)      | ASTM D4894  | MPa               | >20             |
| Elongation at Break          | ASTM D4894  | %                 | 250             |
| <b>Thermal properties</b>    |             |                   |                 |
| Service Temperature          |             | °C                | -200 to +260    |

This data provides typical values on a small selection of properties of the material and should only be used as a guide to the generic material performance.