



Physical Technical Testing Institute, Ostrava-Radvanice

National testing authority No 210

Ostrava - Radvanice,

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Standpoint of National testing Authority

Number:

02/0081

Product: **Composite material Prefen** (produced by pultrusion)

Applicant: **PREFA BRNO a.s., Kotlářská 53, 656 03 Brno**

Documentation: ČSN 33 2030:2002; ČSN 34 1382:1988; ČSN EN 13 463-1 (amended 2002);
ČSN EN 1127-2 (amended 2001); Sample Specifications; Test Report FTZÚ
No. 02.0343-42

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The surface resistance of the sample of Prefen composite material produced by pultrusion (hereinafter Prefen) ranges between 1.2×10^5 and $3.5 \times 10^5 \Omega$, the internal resistance ranges between 3.0×10^7 and $6.5 \times 10^7 \Omega$.

On the basis of the values of surface and internal resistance, the tested samples of Prefen can be classified as electrostatically conductive in compliance with ČSN 33 2030.

The electrostatic properties of the tested material meet the requirements of ČSN EN 13 463-1, ČSN EN 1127-2 for use in underground parts of mines threatened by methane and/or flammable dust (space with methane explosion hazard, degree SNM 0 or SNM 3, in compliance with ČSN 34 1410).

Responsible person:

Mr. Jaroslav Šindler

Head of certification body



Prepared by:

Mr. Pavel Žejdl

Annexes: 1 – Test Report FTZÚ No. 02.0343-42

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