

**Policy Document on EU Directive 2014/34/EC,  
(formerly directive 94/9/EC, known as ATEX 100a / ATEX 95)**

SIMONA AG is a manufacturer and distributor of thermoplastic semi-finished products such as

- sheets
- rods
- profiles
- welding rods
- pipes
- fittings
- finished parts

made of materials such as

- Polyethylene
- Polypropylene
- Polyvinyl chloride
- Polyethylene terephthalate copolyester
- Polyvinylidene fluoride
- Ethylene chlorotrifluoroethylene

According to the definition in Directive 2014/34/EC Article 2 Para. 1 and Para. 2, SIMONA semi-finished plastic products are neither equipment nor protective systems. At most they can only be used in the relevant areas as components with no autonomous function.

Assuming intended use in accordance with §41 of 1<sup>th</sup> ATEX 2014/34/EU Guideline (April 2016), they do not have an ignition source of their own if the process or operation constitutes the only source of static (e.g. friction when dust or a liquid flows past a plastic surface).

For this reason, our semi-finished products do not fall under the scope of application of Directive 2014/34/EC. For SIMONA AG this means that no Declaration of Conformity in accordance with Directive 2014/34/EC is required for semi-finished plastic products manufactured by the company.

Where a polymer object is to be integrated into equipment or protective systems conforming to Directive 2014/34/EC and might be charged with static owing to the intended use, such objects may, if they are placed on the market specifically for that intended use, be classified as normal parts of equipment or protective systems that conform to Directive 2014/34/EC and feature special properties (e.g. antistatic).

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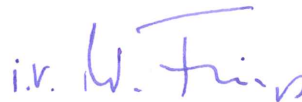
For this purpose, we offer electrically conductive semi-finished products that conform to TRBS 2153 and are made of the following materials:

- SIMONA® PE-EL
- SIMONA® PP-EL
- SIMONA® PP-EL-S
- SIMONA® PE-1000 EL
- SIMONA® PVDF-EL

As evidence of the material supplied and its properties, we provide a 3.1 inspection certificate in compliance with DIN EN 10204 and a technical data sheet. To avoid the risk of uncontrolled electrostatic discharge during installation work or repairs, we point out that before semi-finished products made of electrically conductive materials or parts/constructions made thereof are introduced to an explosive atmosphere they have to be unpacked and electrostatically grounded in advance without the protective plastic film. After installation work or repairs the parts/constructions made must be provided with permanent earthing. This letter and the procedure described were created in collaboration with Forschungsgesellschaft für angewandte Systemsicherheit und Arbeitsmedizin GmbH in Mannheim (Notified Body number: 0588).



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