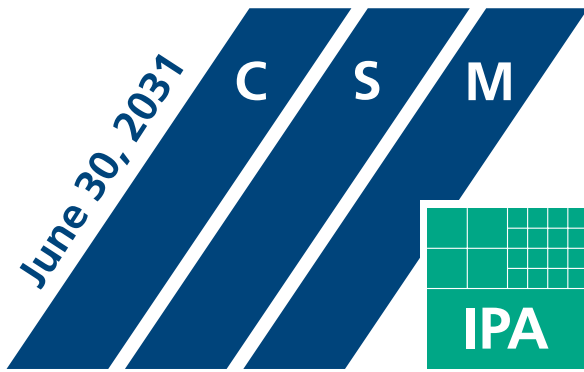




Trespa International B.V.
Report No. TR 2601-1705
Cleanroom (atmospheric)

Cleanroom[®] Suitable Materials

TopLab ULTIM (white)
vs. PEEK Ball: ISO 1
Particle Emission (coating)

COATING

Single product
Particle Emission
in Cleanroom
(atmospheric)

Qualification Certificate

We hereby certify that the material stated above, provided by

Trespa International B.V.
Weert, Netherlands

has been awarded the Fraunhofer IPA CSM Certificate of Qualification with the report number TR 2601-1705.

The level of particulate contamination emitted during application of tribological stress on the material pairing in cleanroom (room temperature: $22^{\circ}\text{C} \pm 0.5^{\circ}\text{C}$; relative humidity: $45\% \pm 5\%$) specified lies within the permissible values of the corresponding Air Cleanliness Class in accordance with ISO 14644-1:

Material pairing and test procedure		Suitable for Air Cleanliness Class
Trespa TopLab ULTIM (white)	vs. PEEK ball	ISO Class: 1
Ball-on-plate test, normal force: 5 N, Type of friction: pressure touch with a component of sliding friction, Touch frequency: 36 1/min		

This document only applies to the named product in its original state and is valid for a period of 5 years from the date the first document was issued. The document can be verified under www.tested-device.com.

Detailed information and parameters of the test environment can be found in the Fraunhofer IPA test report.

The norms stated generally refer to the version valid at the time of the tests.

TR 2601-1705
Report No. first document
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Report No. current document

Stuttgart, June 30, 2026
Place, date of first document issued
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Place, current date

on behalf of 
Dr.-Ing. Frank Bürger, head of business unit Testing and Certification