



Tremco CPG Asia Pacific
Report No. TR 2604-1752
Cleanroom (atmospheric)

Cleanroom[®] Suitable Materials

F. Quartz/Quartz Lite
vs. reel PA6: ISO 4
Particle Emission (flooring)

FLOORING

Single product
Particle Emission
in Cleanroom
(atmospheric)

Qualification Certificate

We hereby certify that the material stated above, provided by

Tremco CPG Asia Pacific Pte Ltd
Singapore, Singapore

has been awarded the Fraunhofer IPA CSM Certificate of Qualification with the report number TR 2604-1752.

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
Flowshield Quartz / Flowshield Quartz Lite (pearl white)	vs. PA6	ISO Class: 4
Reel-on-disc test vs. PA6; normal force: 300 N Type of friction rolling friction		

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.

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Report No. first document
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Report No. current document

Stuttgart, July 1, 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