



SHERWIN-WILLIAMS UK Ltd
Report No. SH 2602-1725
Cleanroom (atmospheric)

Cleanroom[®] Suitable Materials

Resutile HPS
vs. ball Si₄N₄: ISO 5
Particle Emission (coating)

Single product
**Particle Emission
in Cleanroom
(atmospheric)**

Qualification Certificate

We hereby certify that the material stated above, provided by

SHERWIN-WILLIAMS UK LIMITED
Witney, United Kingdom

has been awarded the Fraunhofer IPA CSM Certificate of Qualification with the report number SH 2602-1725.

The level of particulate contamination emitted during application of tribological stress on the material pairing in cleanroom (room temperature: 22 °C ± 0.5 °C; relative humidity: 45 % ± 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
Resutile HPS (steel gray)	vs. stainless steel 1.3541 / 1.4034	ISO Class: 5
Ball-on-disc test vs. stainless steel 1.3541 / 1.4034; normal force: 3 N Type of friction: sliding 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 31, 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