

Roche Diagnostics GmbH Report No. RO 1608-853

Cleanroom[®] Suitable Materials

PQ18 granite

Particle (vs. PA6): ISO 5

FLOORING & COATING

Particle Emission

Qualification Certificate

We hereby certify that the material stated above, provided by

Roche Diagnostics GmbH Mannheim, Germany

has been awarded the Fraunhofer IPA CSM Certificate of Qualification with the report number RO 1608-853.

The level of particulate contamination of the PQ18 granite emitted during application of tribological stress on the material pairing specified lies within the permissible values of the corresponding Air Cleanliness Classes in accordance with ISO 14644-1:

| Material pairing and test | | Suitable for Air Cleanliness Class (ISO 14644-1) | |
|---|---------|--|---|
| PQ18 granite | vs. PA6 | ISO Class: | 5 |
| Reel-on-disc test Normal force 300 N | | | |

Detailed information regarding specific product data such as date of manufacture, color, and serial number as well as test environment and parameters can be obtained from the CSM test report issued by the Fraunhofer-Gesellschaft.

Stuttgart, November 30, 2016

on behalf of Source
Udo Gommel, Project manager Fraunhofer IPA



The validity of this certificate applies only to

Further information:

a duration of

5 years.

the mentioned product in

this particular condition for

