



Cleanroom[®] Suitable Materials

Forbo-Novilon B.V.
Report No. FO 1707-92

Sphera Element
Particle (vs. PA6): ISO 4

FLOORING & COATING

Particle Emission

Qualification Certificate

DUPLICATE

We hereby certify that the material stated above, provided by

Forbo B.V.
KC Coevorden, The Netherlands

has been awarded the Fraunhofer IPA CSM Certificate of Qualification with the report number FO 1707-929.

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

| Material pairing and test | | Suitable for Air Cleanliness Class (ISO 14644-1) |
|--|---------|--|
| Sphera Element (color: white 50000) | vs. PA6 | ISO Class: 4 |
| Reel-on-disc test Normal force 300N | | |

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.

FO 1707-929
Report No. first document
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Report No. current document

Stuttgart, September 14, 2017
Place, date of first document issued
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Place, current date

on behalf of 
Dr.-Ing. Udo Gommel, Project manager Fraunhofer IPA

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.