



STEULER-KCH GmbH  
Report No. ST 1401-687

# Cleanroom® Suitable Materials

Alkadur ESD-HC  
Particle (vs. PA6): ISO 2

## Flooring & Coating

### Qualification Certificate

We hereby certify that the material stated above, provided by

**STEULER-KCH GmbH**  
Höhr-Grenzhausen, Germany

has been awarded the Fraunhofer IPA CSM Certificate of Qualification with the report number ST 1401-687.

Alkadur ESD-HC (RAL 7032) was tested regarding particle emission during the application of frictional stress according to VDI 2083-17. The tested material obtained the following classification:

Material pairing and test		Suitable for Air Cleanliness Class (ISO 14644-1)
Alkadur ESD-HC (RAL 7032)	vs. PA6	ISO Class: 2
Reel-on-disc test Normal force 300N		

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

Stuttgart, February 5, 2014

i. A.   
Project manager

DUPLICATE

The validity of this certificate is temporary indefinite and limited to the named product. It can be verified on [www.tested-device.com](http://www.tested-device.com).

For more CSM information, please visit [www.ipa-csm.com](http://www.ipa-csm.com).