



nora systems GmbH  
Report No. NO 1101-543

# Cleanroom<sup>®</sup> Suitable Materials

norament 928 grano ed  
TVOC (23°C/90°C): ISO -6.2 / tested

## Flooring & Coating

DUPLICATE

### Qualification Certificate

We hereby certify that the material stated above, provided by

**nora systems GmbH**

Höhnerweg 2-4  
69469 Weinheim, Germany

has been awarded the Fraunhofer IPA CSM Certificate of Qualification with the report number NO 1101-543.

The tests are performed in accordance with CSM procedures included outgassing at various temperatures. The tested material obtained following classification in accordance with the standard listed below.

<b>Outgassing</b> at 23 °C / 73 °F	TVOC	ISO-AMC Class -6.2 (see ISO 14644-8)
<b>Outgassing</b> at 90 °C / 194 °F	Amines Organo-phosphates Siloxanes Phthalates	3.4 x 10 <sup>-5</sup> g/m <sup>2</sup> s not detectable not detectable not detectable

The tested material was norament 928 grano ed recipe 988. According to the manufacturer's specifications, there is no influence on the test results by the differing colors.

Detailed information regarding test environment and parameters used can be obtained from the CSM test report number NO 1101-543 issued by the Fraunhofer-Gesellschaft.

Stuttgart, May 30, 2011

i. A.  
Project manager

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).