



Cleanroom[®] Suitable Materials

StoCretec GmbH
Report No. ST 0712-422

StoPox BB OS
Particle (vs. PA6): ISO 4
TVOC (23°C/90°C): ISO -6.6 / tested

Flooring & Coating

DUPLICATE

Qualification Certificate

We hereby certify that the material stated below which was provided by

StoCretec GmbH

Gutenbergstr 6
D-65830 Kriftel

has been awarded the Fraunhofer IPA CSM Certificate of Qualification with the report number ST 0712-422.

The tests performed in accordance with CSM procedures included particle emission during the application of frictional stress, outgassing at various temperatures and determination of the ESD value (surface resistance).

Material (Mat.)	StoPox BB OS	
Particle	Reel-on-disc test; Normal force 300 N Mat. vs. PA6	ISO Class 4 (see ISO 14644-1)
Outgassing at 23 °C / 73 °F	TVOC	ISO-AMC Class -6.6 (see ISO 14644-8)
Outgassing at 90 °C / 194 °F	Amines Organo-phosphates Siloxanes Phthalates	0 x 10 ⁻⁹ g/m ² s 0 x 10 ⁻⁹ g/m ² s 3.3 x 10 ⁻⁸ g/m ² s 0 x 10 ⁻⁹ g/m ² s
ESD	Surface resistance	8.0 x 10 ¹² Ohm

Detailed information regarding the test environment and parameters used can be obtained from the CSM Test report number ST 0712-422 issued by the Fraunhofer-Gesellschaft.

The validity of this certificate is indefinite. For more information, visit our website at www.ipa-csm.com.

Stuttgart, Germany, November 11th 2008

i. A.


Signature project manager



Fraunhofer
Institut
Produktionstechnik und
Automatisierung