



# Fraunhofer

## TESTED<sup>®</sup> DEVICE

STRUBL GmbH & Co. KG  
SABIC2201TH12 | CRP\_2201\_FO  
**Report No. ST 1411-734**

### Qualification Certificate

This is to certify that the product mentioned above, provided by

**STRUBL GmbH & Co. KG**  
Wendelstein, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number ST 1411-734.

The outgassing behavior of the packaging film SABIC2201TH12 | CRP\_2201\_FO at the stated temperatures was investigated according to VDI 2083-17. Based on the outgassing rates determined for the specific surfaces, the following material classification was made for the corresponding contaminant group:

Test temperature	Contaminant group	Specific emission rate [g/m <sup>2</sup> s]	ISO ACC <sub>m</sub> Class (x)
23 °C	VOC	<2.8 x 10 <sup>-10</sup>	<-9.6
90 °C	Amines	Not detectable	--
	Organophosphates	Not detectable	--
	Siloxanes	Not detectable	--
	Phthalates	Not detectable	--

Detailed information and parameters of the test environment can be found in the Fraunhofer IPA test report.

Stuttgart, February 24, 2015

i.A.   
Frank Bürger, Project manager Fraunhofer IPA

DUPLICATE

The validity of this certificate applies only to the mentioned product in this particular condition for a duration of 5 years.

Further information:  
[www.tested-device.com](http://www.tested-device.com)