



Cleanroom[®] Suitable Materials

Roche Diagnostics GmbH
Report No. RO 1608-841

MP2L joint seal
Outgassing VOC (23°C/90°C):
ISO-ACC_m Class -8.0 / tested

FLOORING & COATING

Outgassing Behavior (VOC)

Qualification Certificate

We hereby certify that the material stated above, provided by

Roche Diagnostics GmbH
Mannheim, Germany

has been awarded the Fraunhofer IPA CSM Certificate of Qualification with the report number RO 1608-841.

The outgassing behavior of the MP2L joint seal 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 temperatures	Contaminant group	Specific emission rate [g/m ² s]	ISO-ACC _m Class (x)
23 °C	VOC	9.5 x 10 ⁻⁰⁹	-8.0
90 °C	Amines	not detectable	--
	Organophosphates	not detectable	--
	Siloxanes	not detectable	--
	Phthalates	not detectable	--

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.

Stuttgart, November 30, 2016

on behalf of 
Udo Gommel, 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.
Please visit www.ipa-csm.com.