

Test Report

No. 6379985-02

Date: 24/NOV/2022

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FOLEX AG
Ms. Rahel Albisser
Bahnhofstrasse 92
6423 Seewen
SWITZERLAND



The following sample(s) was/were submitted and identified by/on behalf of the client as:

SGS Job file : 6379985
Order date : 25/OCT/2022
Order number : pruef75sr1
Sample receiving date : 31/OCT/2022
Sampling : by client or by a third party acting at the client's direction
Condition of the samples : appropriate for testing
Testing period : 31/OCT/2022 – 24/NOV/2022
Analytical scope : according to Client's requirements

Sample No.	Sample designation	Sample material
221194636	Molding Film Matt MC-M75 SR	plastic foil

Test requested : Customer Requirement, please refer to next page(s)
Test Method(s) : Please refer to next page(s)
Test Result(s) : Please refer to next page(s)
Conclusion : Halogens:
Based on the performed tests on submitted sample(s), the test results of Chlorine and Bromine **comply with** the limits with reference to requirements acc. IEC 61249-2-21:2003:
Chlorine or Bromine < 0,09% per homogeneous material;
Sum of Chlorine and Bromine < 0,15% per homogeneous material;
Iodine and Fluorine: not specified
"homogeneous material" as defined by dir. 65/2011 EU

Signed for and on behalf of

SGS INSTITUT FRESENIUS GmbH

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https://sgs.sharepoint.com/sites/de-cp-hamfiles/F/Folex_AG_10082348/2022/6379985/6379985-02_Halogene_Be_Formadehyd.doc

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Test Results:

Test Item(s):	Unit	Test Method	Results 221194636	RL
Fluorine (F)	mg/kg	Oxygen bomb combustion according to BS EN 14582:2016-12, ion chromatography (cooperation with SGS Asia)	n.d.	50
Chlorine (Cl)	mg/kg	Oxygen bomb combustion according to BS EN 14582:2016-12, ion chromatography (cooperation with SGS Asia)	n.d.	50
Bromine (Br)	mg/kg	Oxygen bomb combustion according to BS EN 14582:2016-12, ion chromatography (cooperation with SGS Asia)	n.d.	50
Iodine (I)	mg/kg	Oxygen bomb combustion according to BS EN 14582:2016-12, ion chromatography (cooperation with SGS Asia)	n.d.	50
Beryllium (Be)	mg/kg	Analysis was performed via inductively coupled plasma optical emission spectrometry (ICP-OES) acc. to DIN EN ISO 11885:2009-09 after acid digestion	n.d.	10
Formaldehyde	mg/kg	house method, not under accreditation, after cryomilling of sample material: Sample preparation: headspace 3 h, 150 °C, nitrogen flow, transfer on DNPH-absorbant, elution with Acetonitrile, measurement: HPLC/DAD	n.d.	1

Note: mg/kg = ppm

n.d.= not detected

RL = Report Limit

n.a.= not analyzed

(**)=elevated reporting limit due low sample amount

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Photo of the tested sample(s):



End of Report

The test results refer exclusively to the examined test items and the date of the test under the test specifications. Written acknowledgement for publication and duplication of our analytical reports for promotional purpose, as well as fractional use for other purposes are mandatory. Numbers following „<“ represent limits of quantification. Determination of parameters marked with * was performed with a cooperation partner.

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Note: The sample(s) to which the findings recorded herein (the "findings") relate was (were) probably drawn and / or provided by the client or by a third party acting at the client's direction. In this case the findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted.

We would like to point out that measurement uncertainties are not taken into account for conclusions. On request, we can provide measurement uncertainties and take them into account for conclusions upon consultation.