

TEST REPORT Nº 372/22

CUSTOMER: **Boxflex Componentes para Calçados LTDA.**
Avenida dos Municípios, 101 – Canudos
Novo Hamburgo - RS

SAMPLE DESCRIPTION:

Sample consisting of blue polymeric material, according to Figure 1, identified by the customer as “Família C/F 5051 AZ/CZ”. Order Test nº 372/22 of 02.21.2022.



Figure 1: Sample sent by the customer.

SAMPLING:

The samples were selected by the customer.

REQUIRED TEST:

- Short Chain Chlorinated Paraffins - SCCP (C₁₀-C₁₃)
- Medium Chain Chlorinated Paraffins – MCCP (C₁₄-C₁₇)

TEST RESULT:

Components	Result (mg/kg)	LOQ (mg/kg)
Short Chain Chlorinated Paraffins (C ₁₀ -C ₁₃)	< LOQ	9.5
Medium Chain Chlorinated Paraffins (C ₁₄ -C ₁₇)	< LOQ	2.5

1 mg/kg = 0.0001% by weight

< LOQ = Lower than the Limit of Quantification

LOQ = Limit of Quantification

The result (s) is (are) true exclusively for sample (s) tested (s).

The authenticity of this report must be verified by signature certified inserted into the Adobe PDF file.

Printed or electronic copies should be compared with the Adobe PDF file that displays a valid digital signature.

Not responsible for any copy issued by customers or third parties, whatever their nature (electronic, xerographic, ...).

Reproduction of this document may only be made in full, without any changes, and depends on the written approval of the laboratory.

Instituto SENAI de Inovação em Engenharia de Polímeros

Av. Presidente João Goulart, 682, Bairro Morro do Espelho, CEP 93030-090

São Leopoldo - RS | (51) 3904-2700 | isi.polimeros@senairs.org.br

www.senairs.org.br/institutos/engenharia-de-polimeros/ensaio



TEST REPORT Nº 372/22

METHOD/PROCEDURE:

Short Chain Chlorinated Paraffins (C ₁₀ -C ₁₃) and Medium Chain Chlorinated Paraffins (C ₁₄ -C ₁₇)	According to ISO 18219:2015 (E). The principle of analysis consists of the extraction of paraffins and subsequent analysis by Liquid Chromatography coupled with Electrospray Ionisation-Orbitrap Mass Spectrometry (LC-ESI-HRMS). Standards: Chloroparaffin C ₁₀ -C ₁₃ 55.5% CI Standard, Chloroparaffin C ₁₀ -C ₁₃ 63% CI Standard (SCCP) and Chloroparaffin C ₁₄ -C ₁₇ 52% CI Standard (MCCP)
--	---

NOTE:

Test report issued electronically.

Test period: 02.22.2022 to 02.23.2022

Issue date: 02.24.2022

Lucas Heinemann
Laboratory Coordinator
CREA RS 145775


Tauane Straatmann Südbrock
Technical and Technological Services Analyst
CRQ - V 05202336

*The result (s) is (are) true exclusively for sample (s) tested (s).
The authenticity of this report must be verified by signature certified inserted into the Adobe PDF file.
Printed or electronic copies should be compared with the Adobe PDF file that displays a valid digital signature.
Not responsible for any copy issued by customers or third parties, whatever their nature (electronic, xerographic, ...).
Reproduction of this document may only be made in full, without any changes, and depends on the written approval of the laboratory.*

Instituto SENAI de Inovação em Engenharia de Polímeros

Av. Presidente João Goulart, 682, Bairro Morro do Espelho, CEP 93030-090
São Leopoldo - RS | (51) 3904-2700 | isi.polimeros@senairs.org.br
www.senairs.org.br/institutos/engenharia-de-polimeros/ensaio

