

Technische Universität Darmstadt
Fachgebiet für Papierfabrikation und
Mechanische Verfahrenstechnik (PMV)
Prof. Dr.-Ing. Samuel SCHABEL



Alexanderstr. 8
D-64283 Darmstadt
Phone:
Fax:

49(6151) 16 22580
49(6151) 16 22581

Assessment on Recyclability of a label containing electronic components Wiliot POR Certificate

Customer: Wiliot, Ha-Tokhen St 8, Ofek 10, Caesarea, Israel

Date of Testing: 2023-09-20

Order number: PMV-23-264

Task

The recyclability of “Wiliot POR” was tested according to the INGEDE method 12:2013 (screenability of adhesive applications).

Testmaterial

The customer delivered a label. 100 cm² of the adhesive label have been combined with a reference copy paper. This sample has been treated according to INGEDE 12

Product type: pressure sensitive label with electronic components, weight 357 g/m²

Product label: Wiliot POR

Results

All results of the recyclability trials were documented in the INGEDE data sheet. Calculations and scoring was carried out according to ERPC (European Recovered Paper Council), 15th of March 2018. The obtained results were:

RS _S (stickies < 2000 µm):	20 (best possible value: 20)
RS _A (area after screening):	80 (best possible value: 80)
Total scoring:	100 (best possible value: 100)

Therefore, the removability of the tested adhesive application is evaluated by PMV as:

„good“

Darmstadt, 5th of October 2023

FACHGEBIET PAPIERFABRIKATION UND
MECHANISCHE VERFAHRENSTECHNIK
Technische Universität Darmstadt
Alexanderstraße 8, 64283 Darmstadt

Dr.-Ing. Heinz Joachim Schaffrath