

FIME TESTED DIPLOMA

Identification Card Test Session according to ISO 24789 Standards

Test session carried out from 2020-03-03 to 2020-03-17 for:

EXIM (Eksim Teknolojik Savunma ve Guvenlik Cozumleri San. Ve Tic. A.S)



By presenting this Diploma, FIME confirms that Exim Polycarbonate Card (card body only) has passed an identification test session that conforms* to the ISO 24789 test plan (ID Profile, 10 years expected service life).

This test session was carried out the physical characteristics of identification card provided by EXIM (Eksim Teknolojik Savunma ve Guvenlik Cozumleri San. Ve Tic. A.S), and on received on: 2020-02-12.

Identification of the sample:

- Name: Exim Polycarbonate Card
- Number of samples: 75
- Chip: N/A
- Application name and version: N/A

The procedures that relate to the execution of the tests are described in FIME's Internal Reference Quality Assurance Plan: QAP_CARD_DURABILITY.

The test session results show that these smartcard devices meet the requirements necessary to pass the requested ISO 24789 test plan, as detailed in report reference number n°C20REP00-239.

Approved by L. MORCEL

The tests were performed following the test methods below:

- ISO 10373-1: 2006
- ISO 24789-1: 2012
- ISO 24789-2: 2011
- ANSI 322: 2015

The samples were evaluated following the criteria below:
The following unitary tests were performed on the samples:

- Surface Abrasion
- Extended Surface Abrasion (up to 5000 cycles)
- ID-1 Card Flexure
- Extended ID-1 Card Flexure (width bending: up to 140000 cycles; height bending up to 100000 cycles)
- Thermal and Humidity Ageing and Peel strength
- Cross-cut delamination
- Corner Impact
- Card Warpage
- Dimensions of cards: edges

*Conformity limited to results and remarks described in the reference test report mentioned above.

Disclaimer: This diploma is delivered by FIME's test laboratory. FIME declines all responsibility for any use of this document by either the receiving company or by a third party. This diploma is valid uniquely with the reference test report(s) mentioned above. This diploma is valid uniquely for the smartcard devices mentioned above.



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