

# ISO/IEC 7810:2003-11 (E)

## Identification cards - Physical characteristics

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Conformance .....	1
3	Normative references .....	1
4	Terms and definitions .....	1
5	Dimensions of card .....	2
5.1	Card size .....	2
6	Card construction .....	4
7	Card materials .....	4
8	Card characteristics .....	4
8.1	Bending stiffness .....	4
8.2	Flammability .....	4
8.3	Toxicity .....	4
8.4	Resistance to chemicals .....	4
8.5	Card dimensional stability and warpage with temperature and humidity .....	4
8.6	Light .....	5
8.7	Durability .....	5
8.8	Peel strength .....	5
8.9	Adhesion or blocking .....	5
8.10	Opacity, ID-1 size card .....	5
8.11	Overall card warpage .....	6
8.12	Resistance to heat .....	6
8.13	Surface distortions .....	6
8.14	Contamination and interaction of card components .....	6
Annex A (normative) Resistance to heat test method .....		7
Annex B (informative) ID-000 size card as part of ID-1 size card .....		10