

# Chemical resistance of Velleman Switch ClickTouch Keyboards and Front Materials

Ver. 2.0

## Overview

Following characteristics are gathered from (2nd column) :

- P : Product information/data sheets of our raw material suppliers.
- T : Tests that have been conducted in house.
- C : Certified tests done by Alcatel Bell Telephone.

Test results are indicated by (1st column)

- A : no visible degradation of material, no change in appearance.
- B : good resistance, negligible change in appearance.
- C : fair resistance, cloudiness.
- D : poor resistance, severe cloudiness, staining, strong degradation of material.

Precise test conditions can always be obtained from the quality department.

*UV-cured structuring varnish on polyester.*

3 N HCL	A/P	C
30% H2SO4	A	C
50% NaOH	A	C
Acetic Acid	D	C
Acetone	A	T
Benzene	A	C
Bleach	B	T
Coca Cola	A	C
Detergent	A	C
Diesel Fuel	A	C
Ethanol	A	C
Ethylene glycol	A	C
Formaldehyd	A	C
Gasoline	A	C
Hydraulic oil Monsanto Skydrol 500B4	A	T
Hydrogen peroxid (30%)	A	C
Isopropanol	A	C
Kerosine Chevron HYJET-IV A	A	T
Methanol	A	C
Mineral Oil (0-180)	A	C
Toluene	A	C
Trichlorethane	A	P
Vinegar	D	C
White Spirit	A	C