



TECNOPLAS DOOR AND WINDOW PROFILE TEST RESULTS (EN 12608)

Climate Class : "S" Hars Climate

Annual total solar energy falling on a horizontal surface: $\geq 5 \text{ GJ / m}^2$

The warmest month of the year day The average high temperature $\geq 22 \text{ }^\circ \text{C}$

Thickness Class: A Visible surface $\geq 2,8 \text{ mm}$ - invisible surface $\geq 2,5 \text{ mm}$ (EN 12608)

Thickness Class: B Visible surface $\geq 2,5 \text{ mm}$ - invisible surface $\geq 2,0 \text{ mm}$ (EN 12608)

impact strenght class: Glass II

Deviation from flatness

Standart (EN 12608) Test Result

Max 1mm / m 0,4mm / m

Unplasticized polyvinylchloride (PVC-U) profiles for the fabrication of windows and doors-

Determination of heat reversion

Standard(EN 479) Test Result

Max. %2 Upper Side %1,2

Difference Max %0,4 Lower Side %1,3

Difference % 0,1

Unplasticized polyvinylchloride (PVC-U) profiles for the fabrication of windows and doors-

Determination of the resistance to artificial weathering

Standard (EN 513) Test Result

Max %40 30%

Unplasticized polyvinylchloride (PVC-U) profiles for the fabrication of windows and doors-

Determination of the strength of welded corners and T-joints

Standard(EN 514) Test Result

Min. 35 N/mm² 45 N/mm²

Tensile impact strength:

Standard: EN ISO 8256 Test Result

Min :600 kj/ mm² 720 kj/ mm²

Unplasticized polyvinylchloride (PVC-U) profiles for the fabrication of windows and doors-

Determination of Vicat softening temperature

Standard (EN ISO 306) Test Result

Min %75 °C %78 °C

Flexural Elastic Modulus

Standard (EN 178) Test Result

Min.:2200N/mm 2350 N/mm

Plastics - Determination of Charpy impact properties - Part 2: Instrumented impact test

Standard (EN ISO 179-2) Test Result

Min 20 (KJ/mm²) 28 (KJ/mm²)

Determination of Color Difference - Instrumental Method

Standard (ISO 7724-3) Test Result

L: L $\leq 94 - 96$ L:94,50

a: $-1,5 \leq a \leq 3$ a:-1,2

b: $-2 \leq b \leq 5$ b: 1,5