HEADSHIP OF TSE TEST and CALIBRATION CENTER CHEMISTRY LABORATORY

AB-0001-T
7244
02-22

TEST RESULTS

The PVC Sheet specimens that sent to our laboratory have been tested according to the following standards and following results have been obtained.

Features	*Results*
*1) Density** *(TS EN ISO 1183-1, Method A, Distilled water, Cond.:23°C-50%, PVC material, Date of test:21.02.2022)*	*Mean*: 1.84 g/cm^3 (1.838 g/cm^3, 1.839 g/cm^3, 1.837 g/cm^3)
*2) Tensile Strength** *(TS EN ISO 527-1, TS EN ISO 527-2, PVC material, Pulling speed:50mm/min., 5 items, Type 1B, Cond.:23°C-50%, Date of test:22.02.2022)*	*Mean*: 22.15 MPa (22.38 MPa, 21.94 MPa, 20.17 MPa, 23.27 MPa, 23.01 MPa)
*3) Elongation at Break** *(TS EN ISO 527-1, TS EN ISO 527-2, PVC material, Pulling speed:50mm/min., 5 items, Type 1B, Cond.:23°C-50%, Date of test:22.02.2022)*	*Mean*: 6% (4%, 8%, 8%, 6%, 5%)
4) Hardness *(TS EN ISO 868, Shore D)*	*Mean*: 80 Shore D
*5) Vicat Softening Temperature (VST)** *(TS EN ISO 306, Method B50, PVC material, Thickness:2.7mm, Cond.:23°C-50%, Date of test:21.02.2022)*	*Mean*: 84.3°C (84.4°C, 84.2°C, 84.3°C)
6) Heat Distortion Temperature (HDT) *(TS EN ISO 75-1, TS EN ISO 75-2, Method A)*	*Mean*: 61.0°C
7) Water Absorption *(TS EN ISO 62, Method 1, 216 hrs.)*	*Mean*: 0.4%

**: This method is accredited.*