

VEKAPLAN KT

The clear sheet



- highly transparent
- weathering resistant
- moisture resistant



Your partner for quality and success

VEKAPLAN KT – The clear sheet

VEKAPLAN KT is our transparent rigid PVC sheet. It stands out for its very good light transmission, which is, depending on the thickness, up to 88 %.

VEKAPLAN KT is available in many different thicknesses and shades.

Properties

- impact resistant
- highly transparent
- weathering resistant
- moisture resistant
- well chemical resistant
- recyclable

Processing

- sawing, drilling, milling
- screen printing
- punching
- screwing
- adhesive bonding
- thermoforming

Fields of application

- exhibition construction
- displays
- signs
- roofing

Packaging units / overview VEKAPLAN KT

Rigid PVC sheets – transparent –, processable film on both sides, packed on pallets, quality B1 according to DIN 4102 for the thickness 0,8 – 4 mm.

Thickness (mm)	2000 x 1000 mm Pieces/Pallet	2440 x 1220 mm Pieces/Pallet	3000 x 1500 mm Pieces/Palle
1	200	160	100
1,5	150	100	75
2	100	80	50 *
3	80	60 *	30 **
4	60	40	25
5	50	–	20
6	40	30	15
8	30	–	10
10	25	–	10

* also available in the colour: DB 123 – translucent/white

** also available in colours: DB 123 – translucent/white
DA 92 – smoky brown
DA 82 – smoky grey

Properties	Standard	Values
Thickness (mm)		1 – 10
Density (g/cm ³)	DIN EN ISO 1183	1,38 – 1,42
E-modulus (Mpa)	ISO 527 (50 mm/min)	3870
Impact resistance (Charpy) (kJ/m ²)	ISO 179/1eU	82,5
Notched impact resistance (Charpy) (kJ/m ²)	ISO 179/1eA	2,9
Tensile strength (Mpa)	ISO 527 (50 mm/min)	69,2
Flexural strength (Mpa) _≥	ISO 178 (2 mm/min)	105
Shore-hardness D	ISO 868	85
Surface resistance ROE (Ω)	DIN IEC 60 167	2,00E+14
Volume resistance RD (Ω)	EIN IEC 60 093	1,02E+14
Dielectric strength E _a (KV/mm)	DIN IEC 243	15,8
Dielectric constant ε _r	DIN 53 483	2,8 – 3,3
Coefficient of expansion (10 ⁻⁵ /K)	DIN 53 752	9 · 10 ⁻⁵
Vicat softening point (°C)	ISO 306 (B 50)	70
Heat distortion temperature (°C)	ISO 75-2 (1,8 Mpa)	60
Water absorption (%)	ISO 62 (after 216h)	0,09

More detailed information on the processing of our sheets are available on demand.