

Density Water content DCDENS

- Density acc. to DIN 18 125, EN ISO/TS 17892-2
- Water content acc. to DIN 18 121, EN ISO/TS 17892-1, SN 670 340b
- German and English program version
- Printout for density and water content together or separately
- Water content with 2 or 4 measures
- Optionally with comparison to the degree of compaction from the proctor test

Bowl no. 1	Bowl and sample moist [g]	= 453.70 g	Bowl and sample dry [g]	= 446.18 g
	Bowl and sample dry [g]	= 446.18 g	Bowl weight [g]	= 190.40 g
	Water content [g]	= 7.52 g	Dry sample G [g]	= 255.78 g
			Water content [%]	= 2.94 %
Bowl no. 2	Bowl and sample moist [g]	= 445.70 g	Bowl and sample dry [g]	= 437.48 g
	Bowl and sample dry [g]	= 437.48 g	Bowl weight [g]	= 182.55 g
	Water content [g]	= 8.22 g	Dry sample G [g]	= 254.93 g
			Water content [%]	= 3.22 %

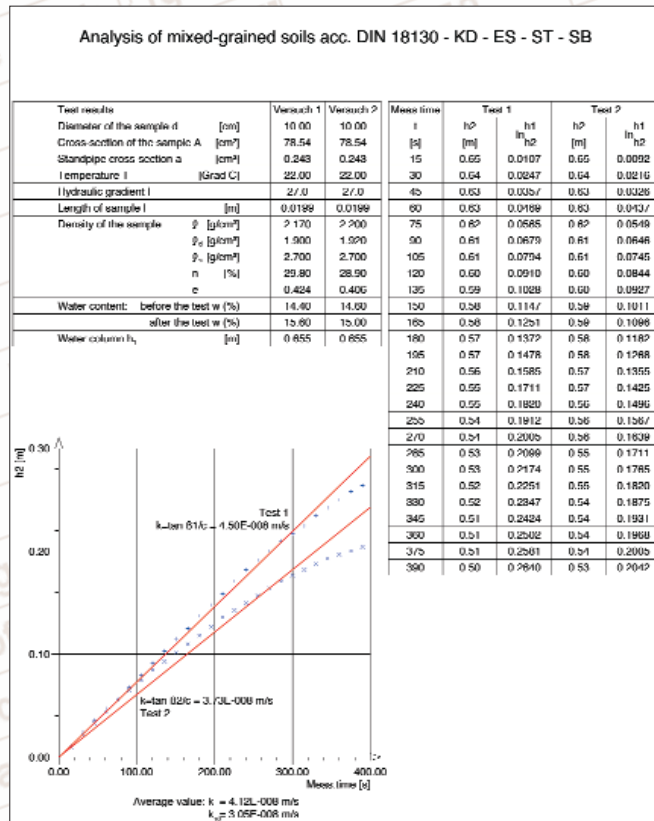
Density	Natural water content w_n [%]	3.08
	Density of moist soil [g/cm ³]	1.614
	Density of dry soil [g/cm ³]	1.588
Compaction	100% Proctor density	2.010
	min/max water content	15.20 / 18.40
	req. degree of compaction	95.0
	obt. degree of compaction	77.9
Coefficients	Granular density γ_s	2.670
	1-n	0.59
	Pore content n	0.41
	Pore ratio e	0.71
	Saturation ratio S_r	0.12

Water content

Density and coefficients

Permeability test DCPERM

- Permeability test acc. to DIN 18 130, EN ISO/TS 17892-11
- German and English program version



Evaluation with balancing straight line

- 5 types of tests according to DIN 18 130:
- mixed-grained soils according to DIN 18 130 - KD - ES - ST - SB
 - coarse-grained soils according to DIN 18 130 - ZY - MS - MZ
 - mixed-grained soils according to DIN 18 130 - TX - DE - MZ - SB
 - fine-grained soils according to DIN 18 130 - TX - DE - KP - UO
 - coarse-grained soils according to DIN 18 130 - ZY - ES - ST
- 3 types acc. to EN ISO/TS 17892-11:
- Falling hydraulic head
 - Constant hydraulic head
 - Triaxial cell
- Customizable number of measurements
 - Output of all test data in a table