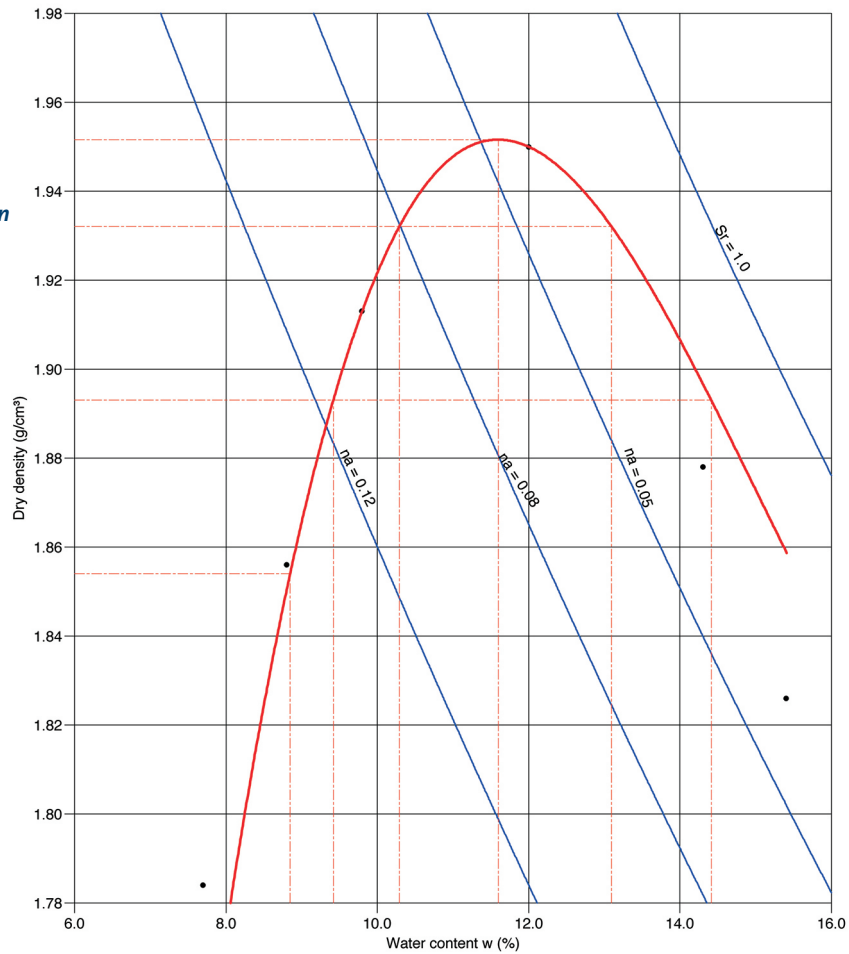


Proctor test

DCPROC

- Proctor test acc. to DIN 18 127, SN 670 330b
- German, English, French language
- Variable number of measurements
- Optional input through trim height measurements
- Simple or corrected proctor test
- Evaluation of proctor density and optimum water content
- Evaluation with any percent values: w_{min} , w_{max}
- Graphic of the line of saturation, additionally with customizable n_a lines
- Optional presentation of the measure values
- Water contents in % or decimal
- Any number of tests per page to get an overview

Graphic with line of saturation and n_a lines



	100 %		99.0 %	97.0 %	95.0 %
Proctor density :	1.952 g/cm ³	Density (g/cm ³)	1.932	1.893	1.854
Optimal water content :	11.60 %	wmin (%)	10.29	9.42	8.85
Natural water content :	20.00 %	wmax (%)	13.09	14.41	

Evaluation

Definition of the humid density						
Measurement no.	1	2	3	4	5	6
Humid probe+cylinder (g)	14619	14837	15014	15200	15117	15030
Mass cylinder (g)	10375	10375	10375	10375	10375	10375
Mass humid probe (g)	4244	4462	4639	4825	4742	4655
Probe volume (cm ³)	2209	2209	2209	2209	2209	2209
Humid density (g/cm ³)	1.921	2.020	2.100	2.184	2.147	2.107
Definition of the water content						
	1	2	3	4	5	6
Humid probe+container (g)	5394.0	5562.0	5719.0	6175.0	5942.0	5755.0
Dry probe + container (g)	5091.0	5201.0	5305.0	5658.0	5349.0	5134.0
Mass container (g)	1150.0	1100.0	1080.0	1350.0	1200.0	1100.0
Mass pore water (g)	303.0	361.0	414.0	517.0	593.0	621.0
Mass dry probe m (g)	3941.0	4101.0	4225.0	4308.0	4149.0	4034.0
Water content w (%)	7.7	8.8	9.8	12.0	14.3	15.4
Dry density ρ_d (g/cm ³)	1.784	1.856	1.913	1.950	1.878	1.826

Presentation of the measure values