

Determinação do Módulo de Deformação Estática - Plano de Carga I - NBR 8522/2017

Máquina: **Emic DL3000N** Célula: **Trd 30** Extensômetro: **Trd 11** Data: **24/06/2009** Hora: **02:08:16** Trabalho nº **0656**

Método de Ensaio: **Módulo Rocha_RetiraExtens_2017_NBR8522**

Corpo de Prova	Diâmetro do CP	Comprimento Base	Resistência Prevista	Força Máxima	Resistência Obtida	Módulo de Deformação Tangente Inicial
	(mm)	(mm)	(MPa)	(kN)	(MPa)	(MPa)
CP 1	74.6	100	25	71.08	16.3	11222
Número CPs	1	1	1	1	1	1
Média	74.60	100.0	25.00	71.08	16.26	11220
Desv.Padrão	*	*	*	*	*	*
Coef.Var.(%)	*	*	*	*	*	*
Mínimo	74.60	100.0	25.00	71.08	16.26	11220
Máximo	74.60	100.0	25.00	71.08	16.26	11220

The graph shows the relationship between Deflection (mm) on the y-axis and Def.Especif. (mm/mm) on the x-axis for five different cases (CP 1 to CP 5). The y-axis ranges from 0.00 to 10.00 mm, and the x-axis ranges from 0.000000 to 0.002000 mm/mm. All curves start at (0,0) and follow a similar path until they reach a peak deflection of approximately 7.5 mm. After this peak, the curves diverge: CP 1 and CP 2 show a sharp drop in deflection, while CP 3, CP 4, and CP 5 show a more gradual decrease. CP 3 has the highest peak deflection, followed by CP 4 and CP 5, which are very close to each other.

Def.Especif. (mm/mm)	CP 1 (mm)	CP 2 (mm)	CP 3 (mm)	CP 4 (mm)	CP 5 (mm)
0.000000	0.00	0.00	0.00	0.00	0.00
0.000200	1.50	1.80	2.00	2.20	2.30
0.000400	3.50	4.00	4.50	4.80	5.00
0.000600	5.50	6.00	6.50	6.80	7.00
0.000700	7.50	7.50	7.50	7.50	7.50
0.000800	7.00	7.00	7.50	7.40	7.30
0.001000	6.00	6.00	7.00	6.80	6.70
0.001200	5.00	5.00	6.00	5.80	5.70
0.001400	4.00	4.00	5.00	4.80	4.70
0.001600	3.00	3.00	4.00	3.80	3.70
0.001800	2.00	2.00	3.00	2.80	2.70
0.002000	1.00	1.00	2.00	1.80	1.70