

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

Máquina: **Emic DL30000N** Célula: **Trd 30** Extensômetro: **Trd 11** Data: **07/03/2019** Hora: **14:02:02** Trabalho nº **0626**

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	<b>54.1</b>	<b>50</b>	<b>20</b>	<b>27.80</b>	<b>12.1</b>	<b>61025</b>
Número CPs	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
Média	<b>54.10</b>	<b>50.00</b>	<b>20.00</b>	<b>27.80</b>	<b>12.09</b>	<b>61030</b>
Desv.Padrão	*	*	*	*	*	*
Coef.Var.(%)	*	*	*	*	*	*
Mínimo	<b>54.10</b>	<b>50.00</b>	<b>20.00</b>	<b>27.80</b>	<b>12.09</b>	<b>61030</b>
Máximo	<b>54.10</b>	<b>50.00</b>	<b>20.00</b>	<b>27.80</b>	<b>12.09</b>	<b>61030</b>

The graph displays the relationship between Deflection (mm/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 0.000 to 7.000 with major ticks every 1.400. The x-axis ranges from 0.0000000 to 0.0001500 with major ticks every 0.0000300. The curves for CP 1, CP 2, CP 3, and CP 4 show a non-linear relationship, with deflection increasing as Def.Especif. increases. CP 5 shows a much steeper relationship, with deflection increasing rapidly as Def.Especif. increases. The curves for CP 1, CP 2, CP 3, and CP 4 are clustered together, while CP 5 is significantly higher.