

Testing report

Testing description:

Tensile testing according to ISO 37

Company:

Técnica Industrial Oswaldo Filizola Ltda

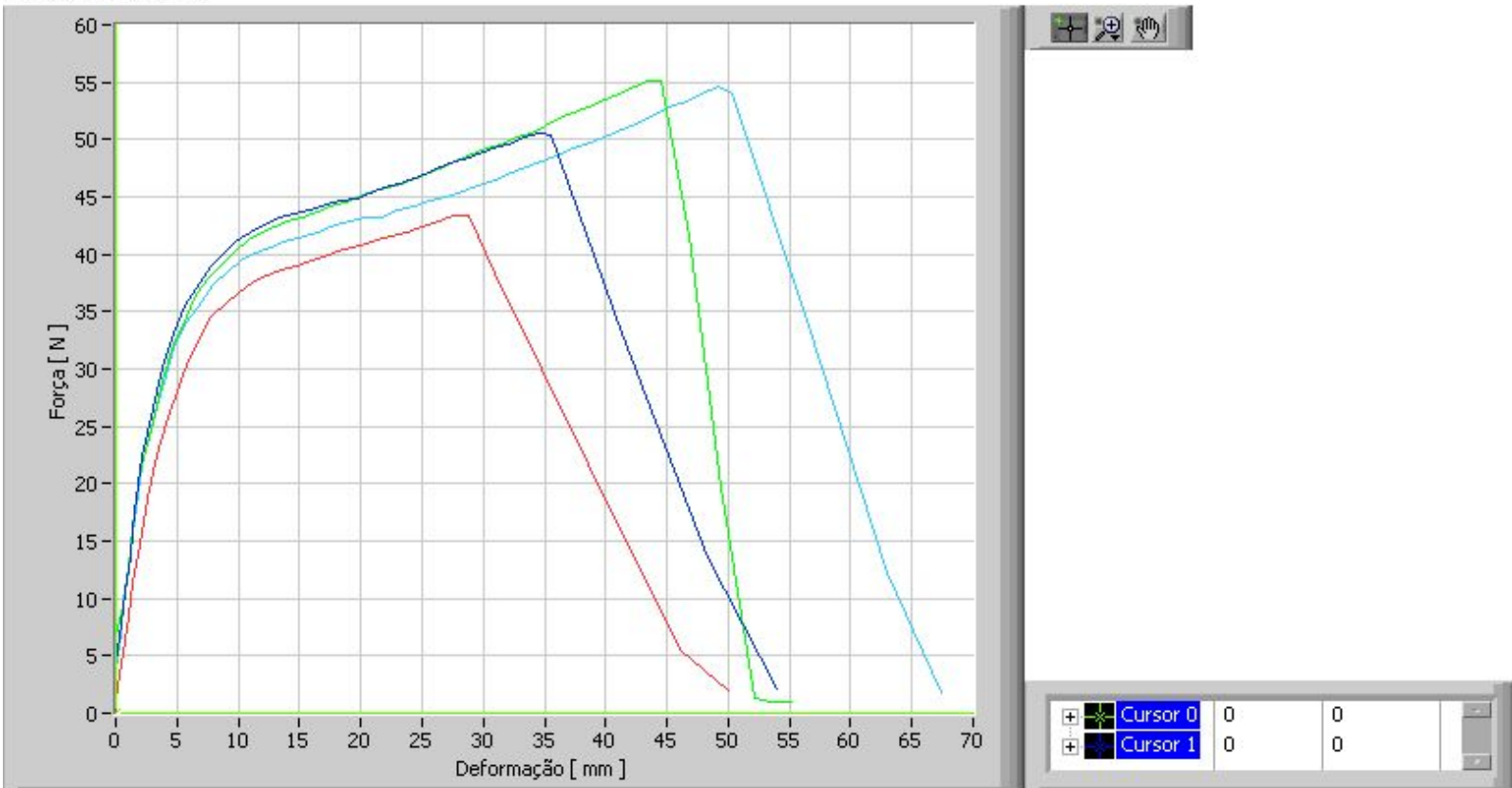
Operator:

Tiago Ranalli

Date:

12/5/2009 21:00:00

Resultados do ensaio



Parameters by testing

	Testing 1	Testing 2	Testing 3	Testing 4
Maximum - tension [MPa]	21,302	24,812	27,024	26,783
Cross-section area [mm2]	20,000	20,000	20,000	20,000
Tensile strength - tension [MPa]	21,302	24,716	27,024	26,495
Elongation at break [%]	115,200	142,400	178,400	201,600

Statistics among testings

	Average	Std deviation	Variance	Median
Maximum - tension [MPa]	24,980	2,645	6,996	25,798

Cross-section area [mm2]	20,000	0,000	0,000	20,000
Tensile strength - tension [N]	24,884	2,584	6,678	25,605
Elongation at break [%]	159,400	38,229	1461,493	160,400

Statistics by testing

	Average	Std deviation	Variance	Median
Testing 1	26,706	15,960	254,728	34,519
Testing 2	33,352	17,296	299,165	41,874
Testing 3	35,017	18,564	344,606	42,855
Testing 4	35,574	17,145	293,943	42,120

Remarks:

Sample manufactured on 13/02/2009 / Test piece type: Nitrile rubber 70 shore

Remarks:

Temperature of test: 24°C

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