



SURFACE TENSION TEST RESULTS FROM INDIA

Soft Water Without Additives, Chemicals Or Electricity



SURFACE TENSION REPORT FROM INDIA

Exclusively Marketed By



Vijay Precision Dies Pvt. Limited

For more details and information contact us :

Tel: +91 821 4288634, E-mail: grk@vwfindustries.com

web: www.crystalblueindia.com

Off: # 90, K.R.S. Road, Metagalli, Mysore 570 016, INDIA



CENTER OF EXCELLENCE - INDUSTRIAL / HOME TEXTILES

Department of Textile Technology/Automobile Engineering Promoted by Ministry of Textiles - Government of

INDIA. PSGiTech Campus, Avinashi Road, Neelambur, Coimbatore-641062

Tel: 0422 3933 250-252 Fax: 0422 2573833 E-mail: testing.int@gapps.psgtech.ac.in

TEST REPORT

Report No: 669

Report Date: 10.12.2015

Name of the Customer: M/s.Vantex Ltd,Coimbatore

Description of the Sample: Water

Sample Received Detail: COE/12/15/669 DT: 10.12.2015

Type of test: Surface Tension

TEST RESULTS:

S.No	Sample	Surface Tension (mN/m)
1	1-Befor Filter	58.0
2	2-After filter	48.3

QA1
Tested by

VMK
Technical Manager

This is computer generated report no need of signature

Important:

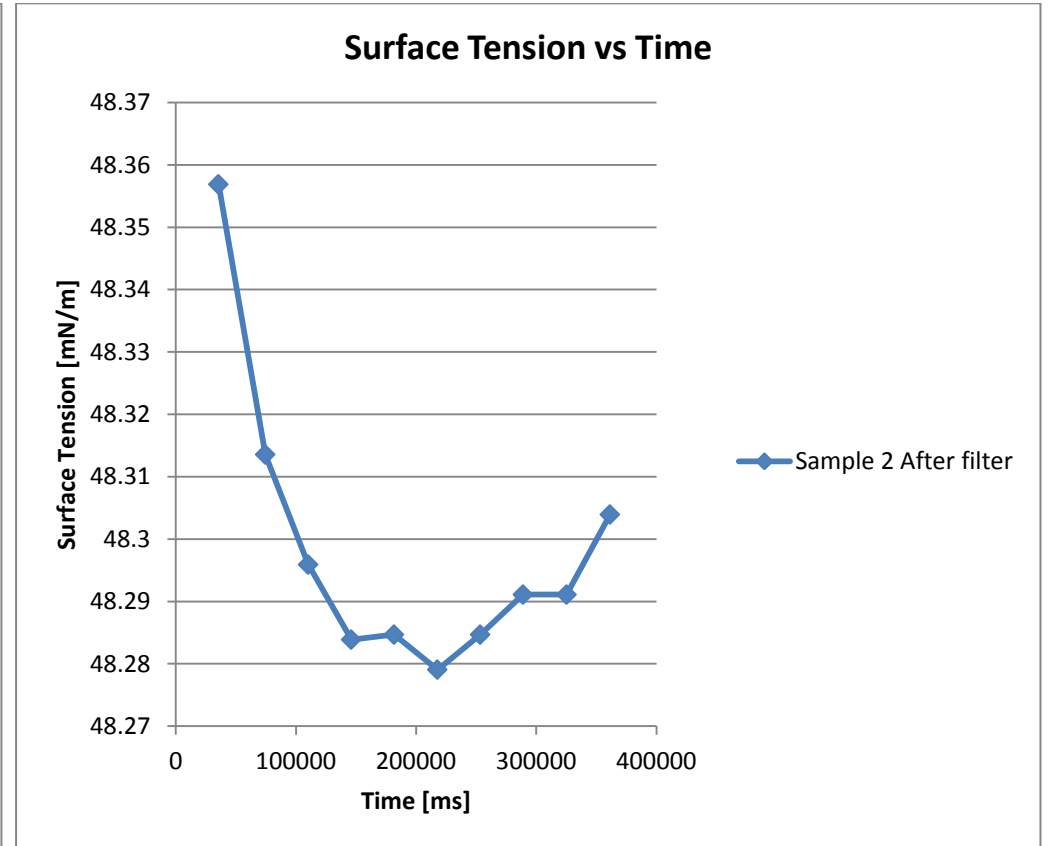
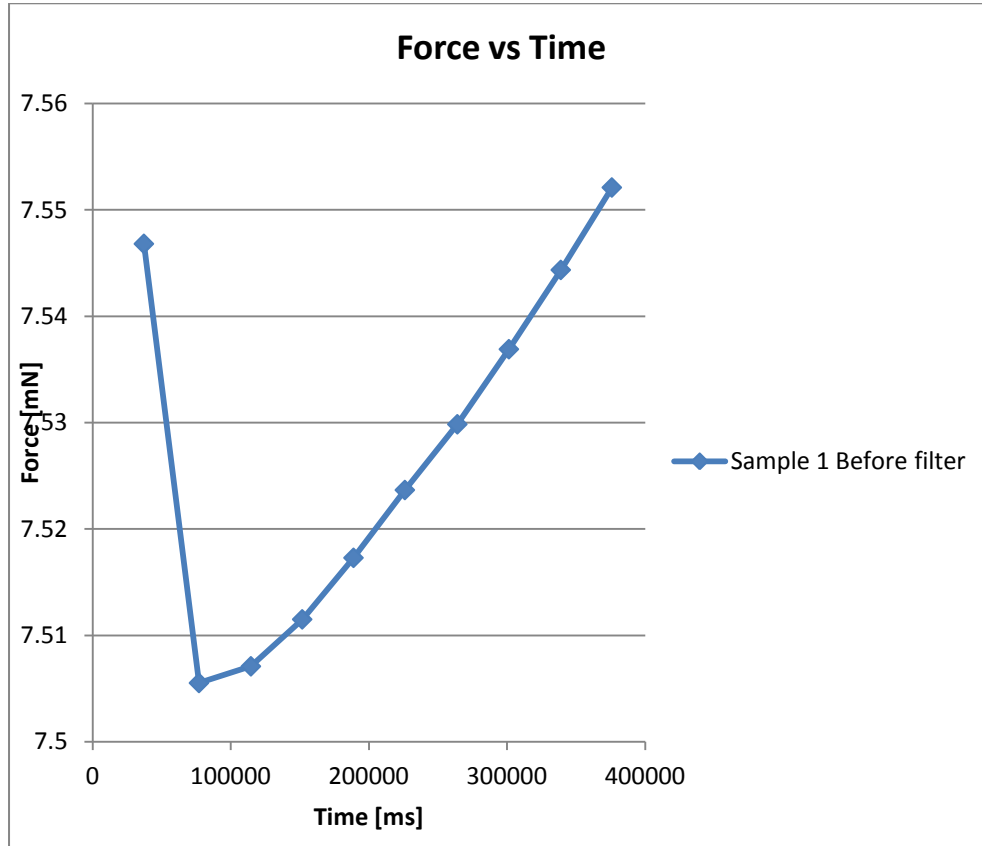
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The results relate only to the sample supplied by the cust



SAMPLE ONE -

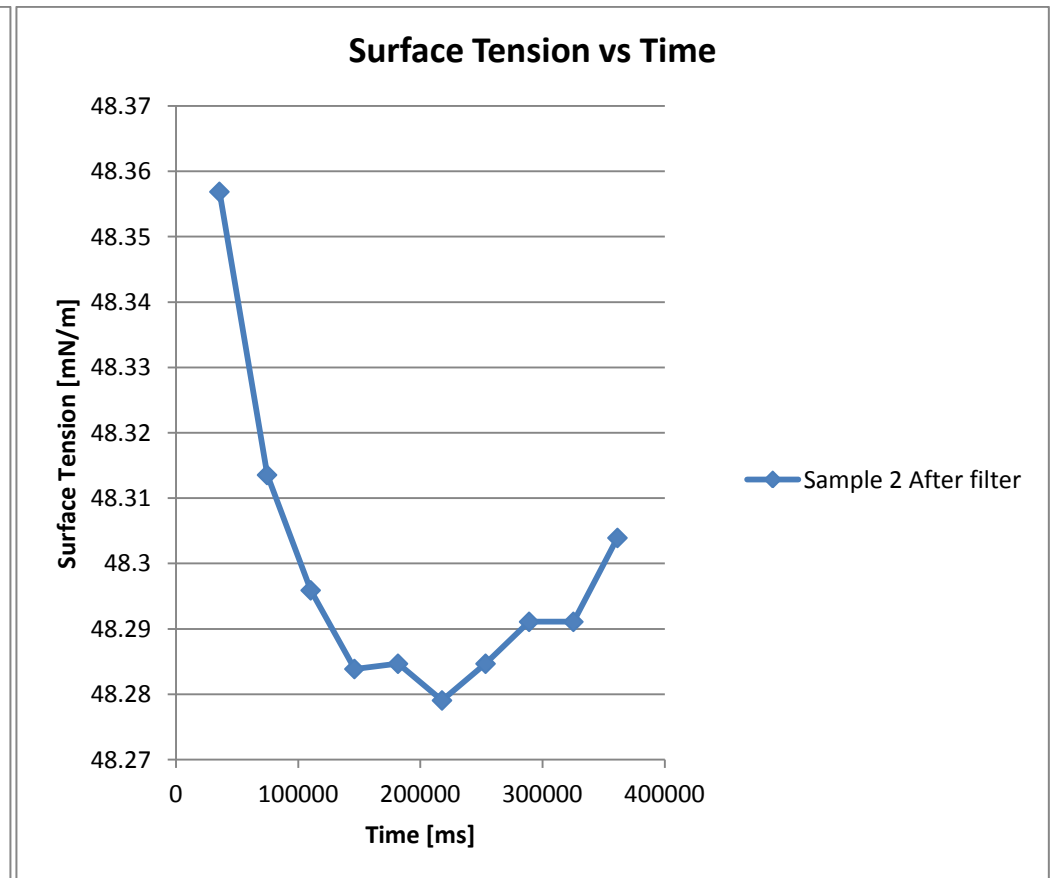
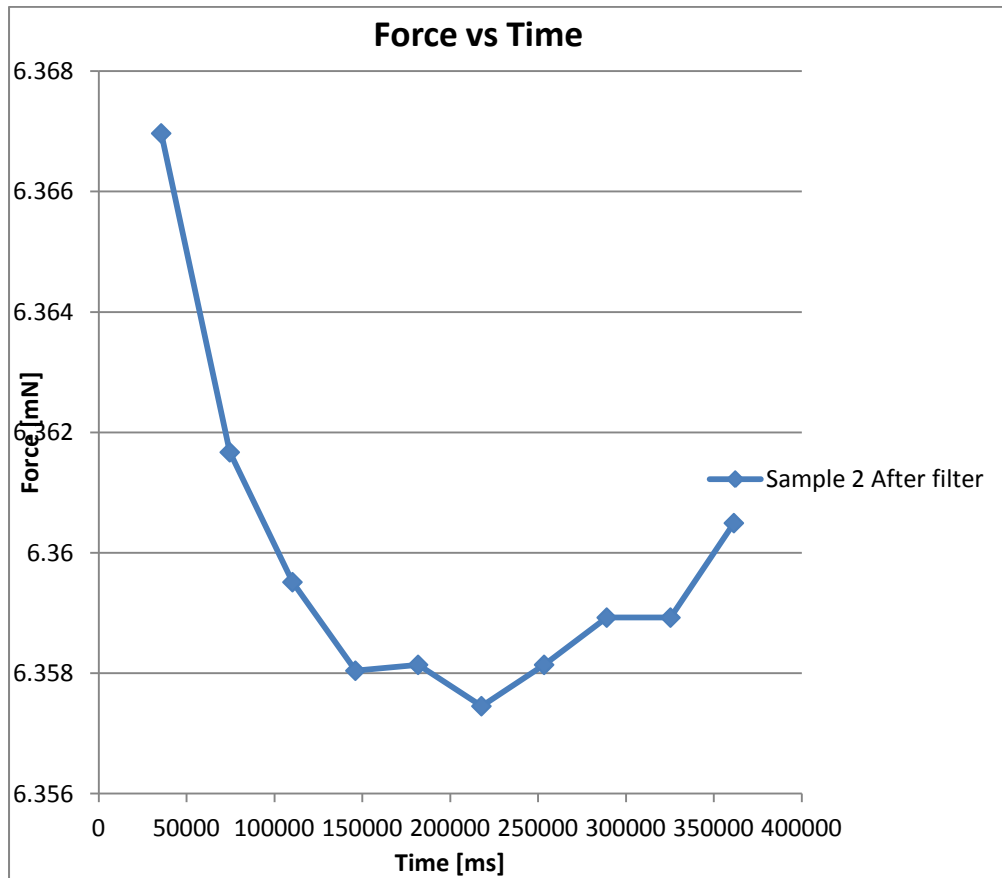
UNSTRUCTURED WATER - **Before** going through Crystal Blue Ent Water Structuring Unit



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	
1	Measurement "Sample 1 Before filter"															
2																
3	Configuration				ID	Time [ms]	Force [mN]	Mass [g]	Surface Tc	Avg. SFT [mN/r	Std.Dev. S	Lamella H	Temperature [°C]			
4	Liquid:	Water			0	37140	7.546806	0.76956	58.08071			3.581	25.82741			
5	Solid/Probe:	Krüss Standard Ring			0	77017	7.50552	0.76535	57.73814			3.4308	25.84927			
6	Gas phase:	Air			0	114609	7.507089	0.76551	57.75116			3.4198	25.87854			
7					0	151761	7.511502	0.76596	57.78777			3.429	25.912			
8	Procedure Parameters				0	188899	7.517288	0.76655	57.83577	57.83870951	0.140488	3.4382	25.93725			
9	CompDevices	K100			0	226075	7.523662	0.7672	57.88866	57.80029881	0.062251	3.4473	25.94713			
10	ScriptName	K1HRSS			0	264066	7.52984	0.76783	57.93992	57.84065461	0.07581	3.4167	25.95799			
11	DetectionSpeed [mm/min]	6			0	301370	7.536901	0.76855	57.99851	57.89012541	0.083158	3.4351	25.97708			
12	DetectionSensitivity [g]	0.005			0	338961	7.544354	0.76931	58.06036	57.94464458	0.088464	3.4245	25.9966			
13	SearchSpeed [mm/min]	6			0	375908	7.552101	0.7701	58.12466	58.00242303	0.09376	3.4433	26.0197			
14	SearchSensitivity [g]	0.005														
15	MeasSpeed [mm/min]	3														
16	MeasSensitivity [g]	0.001														
17	ImmersDepth [mm]	3														
18	Values	10														
19	ValsForMean	5														
20	StdDeviationSFT [mN/m]	0														
21	Correction	1														
22	ReturnDistance [%]	10														
23	EnableMassValues	FALSE														
24	Vessel	<Binary>														
25	GravAccel [m/s ²]	9.80665														
26	AddScriptInfo	Name=K1HRSS,Version=3.2.2.3011,Date=31-AUG-2010,"Author=KRUSS GmbH, Hamburg","Company=KRUSS GmbH, Hamburg",Language=409h,Type=0,Certified=-1														
27																
28	Results															
29	SFTAvg [mN/m]	58.00242303														
30																

SAMPLE TWO -

STRUCTURED WATER **After** going through Crystal Blue Ent Water Structuring Unit



A1 Measurement "Sample 2 After filter"																
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Measurement "Sample 2 After filter"															
2																
3	Configuration				ID	Time [ms]	Force [mN]	Mass [g]	Surface Tϵ	Avg. SFT [mN/m]	Std.Dev. S	Lamella H	Temperature [°C]			
4	Liquid:	Water			0	35589	6.366968	0.64925	48.35688			3.4419	25.20869			
5	Solid/Probe:	Krüss Standard Ring			0	74595	6.361672	0.64871	48.31356			3.2612	25.25959			
6	Gas phase:	Air			0	110293	6.359514	0.64849	48.29591			3.2516	25.29929			
7					0	146099	6.358043	0.64834	48.28388			3.2511	25.32813			
8	Procedure Parameters				0	181763	6.358142	0.64835	48.28468	48.30698	0.03036	3.2609	25.35367			
9	CompDevices	K100			0	217795	6.357455	0.64828	48.27907	48.29142	0.013832	3.2507	25.38249			
10	ScriptName	K1HRSS			0	253462	6.358142	0.64835	48.28468	48.28565	0.006198	3.2604	25.40145			
11	DetectionSpeed [r/s]	6			0	289097	6.358926	0.64843	48.2911	48.28468	0.004282	3.2706	25.42943			
12	DetectionSensitivity [g]	0.005			0	325364	6.358926	0.64843	48.2911	48.28613	0.005086	3.2508	25.45188			
13	SearchSpeed [mm/s]	6			0	361434	6.360495	0.64859	48.30394	48.28998	0.009279	3.2404	25.45945			
14	SearchSensitivity [g]	0.005														
15	MeasSpeed [mm/s]	3														
16	MeasSensitivity [g]	0.001														
17	ImmersDepth [mm]	3														
18	Values	10														
19	ValsForMean	5														
20	StdDeviationSFT [mN/m]	0														
21	Correction	1														
22	ReturnDistance [%]	10														
23	EnableMassValues	FALSE														
24	Vessel	<Binary>														
25	GravAccel [m/s ²]	9.80665														
26	AddScriptInfo	Name=K1HRSS,Version=3.2.2.3011,Date=31-AUG-2010,"Author=KRUSS GmbH, Hamburg","Company=KRUSS GmbH, Hamburg",Language=409h,Type=0,Certified=-1														
27																
28	Results															
29	SFTAvg [mN/m]	48.28997729														
30																