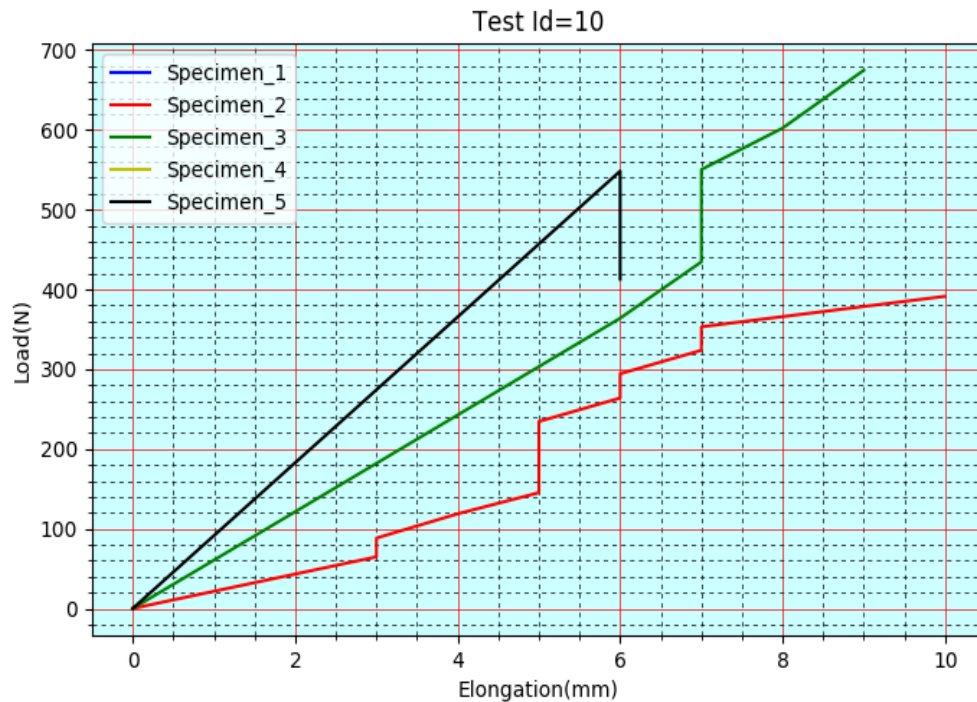


Stech Engineers

address1211

Tested Date:	2021-12-04 15:53:50	Test No:	10
Job Name :	RODTEST	Batch ID:	RODTEST
Specimen Name:	ROD11	Specmen Shape:	Rectangle
Test Type:	Flexural	Specmen Specs:	10
Party Name :	TATA	Motor Speed :	200
Length(mm):	60	Report Date:	2021-12-04 16:04:45
Tested By :	Stech engineers testing machine	Temp.(C) :	25



Spec. No	Length (mm)	Thickness (mm)	Width (mm)	Support Span (mm)	Max. Displ. (mm)	Force @ Peak (N)	Flexural Strength (N/mm ²)	Flexural Modulus	Flexural Strain at Break (%)	Flexural Strain at Input (%)
1	60	5.00	5.00	55.00	0.00	164.8080	108.77	0.00	0.00	15.00
2	60	5.00	5.00	55.00	10.00	391.4190	258.34	1432.83	18.18	15.00
3	60	5.00	5.00	55.00	9.00	674.9280	445.45	2745.50	16.36	15.00
4	60	5.00	5.00	55.00	0.00	494.4240	326.32	0.00	0.00	15.00
5	60	5.00	5.00	55.00	6.00	548.3790	361.93	3345.06	10.91	15.00
AVG	60	5.00	5.00	55.00	5.00	454.7916	300.16	2507.80	9.09	15.00
MAX	60	5.00	5.00	55.00	10.00	674.9280	445.45	3345.06	18.18	15.00
MIN	60	5.00	5.00	55.00	0.00	164.8080	108.77	1432.83	0.00	15.00

Spec. No	Test Speed (rpm)	Load Radius (mm)	Support Radius (mm)	Failure Mode	Test Method
1	8.00	7.00	6.00	Bending	Test Specs.:ADS 26
2	8.00	6.00	7.00	Bending	Test Specs.:ADS 26
3	8.00	7.00	6.00	Bending	Test Specs.:ADS 26

4	8.00	6.00	7.00	Bending	Test Specs.:ADS 26
5	8.00	7.00	6.00	Bending	Test Specs.:ADS 26
AVG	8.00				
MAX	8.00				
MIN	8.00				

Remark : _____

Authorised and Signed By : _____.