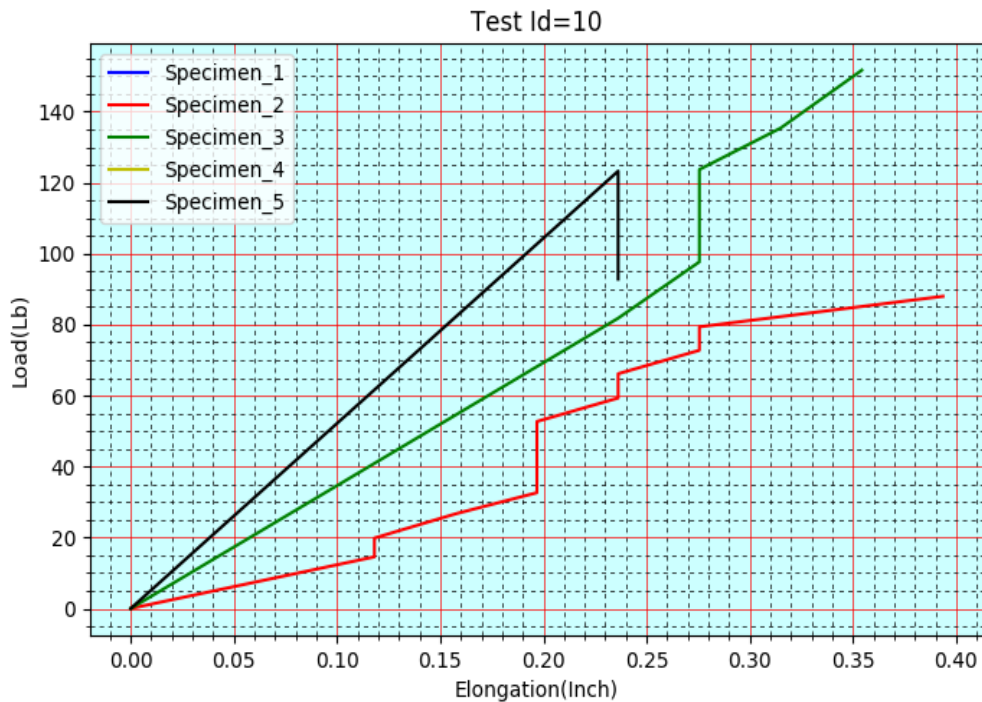


Stech Engineers

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 16:03:29
Tested By :	Stech engineers testing machine	Temp.(C) :	25



Spec. No	Length (Inch)	Thickness (Inch)	Width (Inch)	Support Span (Inch)	Max. Displacement (Inch)	Force @ Peak (Lb)	Flexural Strength (Lb/Inch2)	Flexural Modulus	Flexural Strain at Break (%)	Flexural Strain at Input (%)
1	2.362206	0.20	0.20	2.17	0.00	37.0376	15070.65	0.00	0.00	15.00
2	2.362206	0.20	0.20	2.17	10.00	87.9643	35788.72	8178.89	18.18	15.00
3	2.362206	0.20	0.20	2.17	9.00	151.6779	61714.80	15671.86	16.36	15.00
4	2.362206	0.20	0.20	2.17	0.00	111.1128	45207.88	0.00	0.00	15.00
5	2.362206	0.20	0.20	2.17	6.00	123.2383	50143.27	19094.24	10.91	15.00
AVG	2.362206	0.20	0.20	2.17	5.00	102.2062	41585.07	14315.00	9.09	15.00
MAX	2.362206	0.20	0.20	2.17	10.00	151.6779	61714.80	8178.89	18.18	15.00
MIN	2.362206	0.20	0.20	2.17	0.00	37.0376	15070.65	15671.86	0.00	15.00

Spec. No	Test Speed (rpm)	Load Radius (Inch)	Support Radius (Inch)	Failure Mode	Test Method
1	8.00	0.28	0.24	Bending	Test Specs.:ADS 26
2	8.00	0.24	0.28	Bending	Test Specs.:ADS 26
3	8.00	0.28	0.24	Bending	Test Specs.:ADS 26

4	8.00	0.24	0.28	Bending	Test Specs.:ADS 26
5	8.00	0.28	0.24	Bending	Test Specs.:ADS 26
AVG	8.00				
MAX	8.00				
MIN	8.00				

Remark : _____

Authorised and Signed By : _____.