

TechCentre



Testing division of M./s. RAMCHARAN COMPANY PVT. LTD., is located at Chennai.

TechCentre offers the following services to its customers, in the Rubber Industry.

Development of Rubber Formulation

As per the customer's requirements & specifications, TechCentre provides a start-up reference guideline formulation.

Development Compounds as per Customer requirement

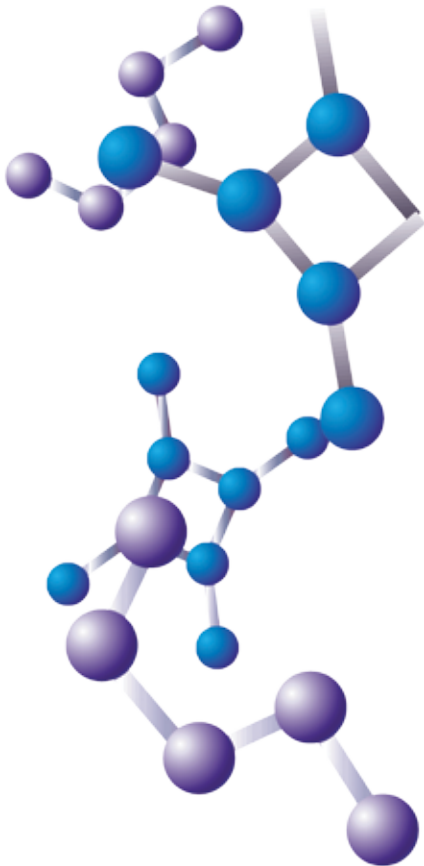
Techcentre will develop compounds as per our Customer's special requirements, by developing the pilot compounds with our facilities of 2-roll lab mill and 1 litre Banburry, and test all the basic requirements of the compound, which is being transferred to our customers for their plant trial and approvals.

Testing of Rubber compounds as per Standards

At TechCentre, we perform the test as per the ASTM, BIS,ISO Standards. The samples received from our customers, either in the form of Buttons, Slabs or in the form of un-vulcanised curative added compounds or without curative, as our TechCentre is equipped with Two-roll Lab Mill, Curing presses, and the required moulds for the slab and buttons, to prepare the samples.

Helping Customers on Cost Reduction Projects

We extend our services to our customers for their cost reduction projects.



TechCentre can perform on Tie-up projects with Organisations and Institutions, as well as for MAKE IN INDIA Projects.

DEFINITION :

“TechCentre fulfils the basic definition of any Technical laboratory, through the quality assured output coupled with the monitoring system as per the reference standards”

Techcentre is equipped with skilled personnel and the art of proper interpretation of the tested values to our customers.



TOP QUALITY

With the vision to serve the Rubber Industry, & being in the association of Rubber Industries for more than 50 years as the preferred raw material supplier, M/s. Ramcharan Company Pvt. Ltd., joined hands with M/s. Lanxess, in the year 2014, to set up this Historic LAB, at Chennai, as Chennai is grown as the important Automobile HUB in India.

TECH CENTRE – A testing division of M/s.Ramcharan company Pvt Ltd - which now offers Testing facilities for Un-Vulcanised , Vulcanised Properties, development of formulation & compound to fulfill the Customer’s specific needs.

Tech Centre is an ISO Certified Lab, & inched towards the process of getting NABL accreditation in the near future.

At present Teach Centre is having 3 classification of Process:

1) RUBBER COMPOUNDING & MIXING - facilities available are

- a) 2 friction ration, arrangement Heating & cooling arranged 2 roll Lab mixing mill
- b) Variable speed Internal mixer - Banbury with 2 lit capacity
- c) Hydraulic press



2) RUBBER PHYSICAL TESTING - facilities available are

- a) Mooney viscosoity, Mooney scorch, Mooney viscometer
- b) ODR
- c) Tensile Tester
- d) Densi-Meter
- e) Din Abrasion Tester (Abrasion Loss & Abrasion Index)
- f) Hardness Tester (Shore A & IRHD)
- g) Thickness Gauge
- h) Air Ovens
- i) Air Permeability Tester
- j) Variable Speed-Gravey Die Extruder
- k) Compression Set Apparatus
- l) Rebound Resilience
- m) Oxygen Bombing Tester
- n) Muffle Furnace for Ash Test

3) RUBBER DYNAMIC TESTING - facility available are

- a) Goodrich compression Flexo meter - for next build up
- b) Monsanto Fatigue to Failure tester
- c) De-Mattia – Flex tester
- d) Ross - Flexometer