

10th October 2018 John O'Connell –

Rubber Production Processing and compounding

My talk will cover what makes rubber rubbery. Natural rubber its production properties and chemistry.

This includes:

The work to make it a specified and controlled raw material instead of an agricultural product sold by its looks and smell.

Synthetic rubbers and their production using free radicals.

The chemicals available to the compounder to create a particular end products. For example normal tyres and snow tyres.

The machinery and testing equipment available to the Technologist.