

High Throughput Surface Tension Measurement "Reducing Product Time to Market"

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Understanding the surface tension properties of aqueous surfactants and polymer materials is important for the pharmaceutical, coatings, paints, inks, surfactant and household products industries. The traditional method of measuring surface tension is time-consuming so only a few compounds can be measured by a single user per day. With the commercial drive to reduce product time to market the following process explains the background behind the measurement of surface tension and the manner in which a high throughput process for conducting this measurement was developed at the centre for materials discovery (CMD) for use in the research of surfactant and pH responsive polymers.

References

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