



**COMPUTRAC®**

by Arizona Instrument LLC

## Frequently Asked Questions Plastics Industry

**“How easy is and how long would it take to get moisture out of a nylon 6 or 6/6?”**

Based on our tests, generically it takes some time for a part to accept moisture and will initially concentrate itself at the outer surface of the part. To reach any desired equilibrium moisture condition throughout a part takes even a longer period of time and is affected by wall thickness, surrounding moisture content and temperature. Thick parts take longer to reach a desired moisture condition than thinner ones.

Once having the moisture in a part, it takes even a longer time to extract that moisture when compared to the absorption process. It will also never return to a dry-as-molded (DAM) or very low moisture condition unless forced to under abnormal conditioning preparations. Precise timing therefore cannot be offered without knowing specifics.

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