PRODUCT DATASHEET

Ashless Quantitative Filter Papers

Ashless grades for gravimetric analysis





DETAIL – CIRCLES AND BOX

OVERVIEW

The Tech Inc. Ashless Quantitative Filter Papers are acid-washed cellulose papers that leave almost no ash on ignition. They are used in gravimetric analysis, where the paper is burnt away and the residue weighed, and for preparing samples for instrumental analysis.

MODELS AND CONFIGURATIONS

- **Fast ashless** – gelatinous precipitates such as iron hydroxide.
- **Medium ashless** – general gravimetric work.
- **Slow ashless** – fine precipitates such as barium sulfate.
- **Hardened ashless** – vacuum and Buchner filtration.

TYPICAL DESIGN DATA

Model series	TI-FP-QN (grade and diameter)
Material	Acid-washed cellulose
Ash	Below 0.01%
Retention	About 2.5 to 20 µm, by grade
Diameters	42.5, 55, 70, 90, 110, 125, 150 and 185 mm
Pack	100 circles

APPLICATIONS

Gravimetric analysis, ash and residue determination, sample preparation for AAS and ICP, and precise precipitate collection.

KEY ADVANTAGES

- **Ashless** – no weighing error from the paper
- **Low trace metals** – clean AAS and ICP samples
- **Grade choice** – fast to slow

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