Whatman filter paper n.42 ashless - flat discs diam. 110 mm

grade 42:2.5 um

Whatman quantitative filters are designed for gravimetric analyzes and for the preparation of samples for instrumental analyzes.

They are available in three versions to meet all specific needs:

- Ash-free (max content 0.007%)

degree 40-41-42-43-44-589 / 1-589 / 2-589 / 3

- Hardened with low ash content (max 0.015%

Grade 50-52-54

- Hardened without ash (max 0.006%)

Grade 540-541-542

Grade 42: 2.5 µm

A world standard for critical gravimetric analysis, with the highest retention capacity of all Whatman cellulose filter papers.

Typical analytical precipitates include barium sulfate, metastannic acid and finely precipitated calcium carbonate.

Technical features

Nominal retention of particles in liquids (at 98% efficiency)	2.5 µm
Nominal thickness	200 µm
Typical water flow	5 ml / min
Nominal base weight	100 g / m²
Nominal air flow	96 s / 100 ml / in (for 9 cm diameter)
Nominal ash content	0.07%
(determined by incinerating the filter at 900 ° C in the air)	
Material	High quality cotton linters
Typical levels of trace elements	Aluminum 2,5 µg / g Antimony <0,5 µg / g Arsenic <0,5 µg / g Barium <0,5 µg / g Boron
Format	Discs
Pieces per pack	100 pieces

Code	Description
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