

# HARDENED ASHLESS FILTER PAPERS FOR QUANTITATIVE ANALYSIS

Hardened ashless filters (approx. 0.002 %), especially recommended for vacuum and pressure filtration, and for the use of acidic and alkaline solutions.

- Made of super-refined cotton linters and cellulose; acid washed.
- $\alpha$ -cellulose content above 95 %.
- High wet strength; easy to scrap off or wash off precipitates.
- High resistance to aggressive chemical components, like sulfuric and nitric acids (up to 40 % at 50° Celcius) and alkalis (up to 10 % at 20° Celcius).
- For analytical applications, routine quantitative and /or gravimetric procedures.



## TECHNICAL SPECIFICATIONS

Grade	Properties	Filtration Herzberg s	Retention of particles $\mu\text{m}$	Weight $\text{g/m}^2$	Thickness mm	Ash** %
FP1505	Fast	50	12-25	88	0.17	0.002
FP1506	Medium	170	4-12	90	0.16	0.002
FP1507	Slow	600*	$\leq 2$	90	0.14	0.002

\* Measured with 150 mm water column instead of 50 mm

\*\* Average value

## APPLICATIONS

Ref. FP1505:

- For coarse crystalline precipitates.
- Determination of proteins.
- Determination of fibers in foodstuffs.
- Cement analysis.

Ref. FP1506:

- For fine crystalline precipitates.
- Gravimetric determination of metals in acidic/alkaline solutions.

Ref. FP1507:

- For very fine crystalline precipitates.
- Gravimetric analysis of fine metals: barium and lead sulfate, nickel and tin sulfide, oxalate and calcium fluoride.



## ORDERING INFORMATION

Grade $\emptyset$	FP1505 Fast	FP1506 Medium-fast	FP1507 Slow
70 mm	DP1505070	DP1506070	DP1507070
90 mm	DP1505090	DP1506090	DP1507090
110 mm	DP1505110	DP1506110	DP1507110
125 mm	DP1505125	DP1506125	DP1507125
150 mm	DP1505150	DP1506150	DP1507150
185 mm	DP1505185	DP1506185	DP1507185
240 mm	DP1505240	DP1506240	DP1507240

Presentation: 100 units / box

Other sizes available on request.