

# TECHNICAL DATA SHEET

According to Good Manufacturing Practice (CGMP) standards

GRADE: F2043  
NAME: QUANTITATIVE ASHLESS FILTER PAPER. MEDIUM FILTRATION  
DATE: May 2010

This document is to verify that the designated product has been manufactured in conformance with applicable Current Good Manufacturing Practice (cGMP) standards.

The quality control data given in this document represent the quality of the released lot. These values are the basis for the official release of this material. The Quality Department for quality control of filters has measured the values and assures that they are within the limits that are established in the current specification for this material. The values stated do not represent any internal or external specification for this particular material. This product has passed external-house tests and thus meets Chmlab Group stringent quality control standards. The following is checked on a regular basis:

## Filter Paper Characterization

PACKAGING: Boxes of 100 units

FORMAT: Circles (Ø mm): 12.7, 21, 25, 37, 40.5, 42.5, 47, 50, 55, 70, 80, 90, 100, 110, 125, 150, 185, 240, 270, 320  
Sheets (mm) 460x570, 580x580

### TECHNICAL SPECIFICATIONS:

Basis weight:.....85 g/m<sup>2</sup>  
Thickness: .....180 µm  
Filtration time for distilled water: .....50 s  
Filtration: .....Moderate fast  
Retention: .....14-17 µm  
Wet bursting strength:.....>30 kPa  
Ash content:.....<0.007%

## Other Specifications

<b>Features</b>	Ashless filter paper with medium filtration speed and good retention (between Grade F2040 and Grade F2041) for medium and thick particles.
<b>Applications</b>	Suitable for gravimetric measurements of gypsum/lime suspensions in power plants. It is particularly applied in metallurgical industry laboratories for metal tests. Typical applications include foodstuffs analysis, soil analysis, particle collection in air pollution monitoring, COD and TOC determinations, inorganic analysis in the construction, mining and steel industries, for Blaine test in the cement industry (standard UNE 80-112-91 AND EN 196-6), and for carrying put other chemical analysis on cement