

Typical Data

1PS Phase Separator Paper

A high grade filter paper impregnated with a stabilised silicone that renders it hydrophobic; retaining the aqueous phase and passing the solvent phase through.

Grammage¹ (gsm):	87
Typical Thickness^{2*} (µm) @ 53 kPa:	175
Gurley³ (sec/200mL/sq.in):	26
Dry Burst⁴ (psi):	18
Wet Burst⁴ (psi):	1.5
Hydrophobicity⁵ (cmHg): HCL	≥5.0
NaOH	≥5.5
Water	≥6.0

¹ Grammage defines weight per unit area, preferably of circular sheets of area 100cm².

^{2*} Thickness determined at test pressure of 53kPa.

³ Air flow rate determined with Gurley Densometer with 5oz and 1in² (6,45cm²) test area.

⁴ Wet Burst as well as Dry Burst is determined with filter test area of 1in² (6,45cm²) which is made to burst by applying an increasing pressure. 1psi is equivalent to 0,069 bar.

⁵ Hydrophobicity determined with vacuum required to draw water, Hydrochloric acid or Sodium hydroxide.

Typical data only – does not represent a product specification.