

Test Report – Melt-Blown

20 pieces

size: 25g x 175mm x 20cm

date test started: 14 may 2020

Bacterial Filtration Efficiency	S
Pressure Difference	S
Particle Filtration Efficiency	S

(S = meet the standard's requirement)

All the tested items are tested under the standard condition (except for indication)

TEST REPORT

(Electronic version)

No: 200125334

BACTERIAL FILTRATION EFFICIENCY (%)

(YY 0469-2011 ANNEX B, TEST BACTERIA: STAPHYLOCOCCUS AUREUS ATCC 6538, TEST AREA: 49cm², FLOW RATE: 28.3L/min, MEAN PARTICLE SIZE: 3.0 μm, RESULT OF THE POSITIVE CONTROL: 1.9×10³ CFU, RESULT OF THE NEGATIVE CONTROL: <1CFU)

		REQUIREMENT
BFE ₁	99.5	≥95
BFE ₂	99.3	(YY 0469-2011)
BFE ₃	99.1	

PRESSURE DIFFERENCE (Pa)

(YY 0469-2011 5.7)

		REQUIREMENT
	31.6	≤49
		(YY 0469-2011)

PARTICLE FILTRATION EFFICIENCY (%)

(YY 0469-2011 5.6.2, AIR FLOW: 30L/min, AEROSOL: NaCl, AEROSOL CONCENTRATION: 15mg/m³, TEMP: 23.5°C, RH: 36.1%)

		REQUIREMENT
MINIMUM	95.63	≥30
		(YY 0469-2011)