

Type		G1001	G1101	G1201	G1202	G1301	G1302	G1401	G1402
Description	Unit	95% DOP	97% DOP	99.5% DOP	99.9% DOP	99.95% DOP	99.97% DOP	99.99% DOP	99.995% DOP
Thickness	mm	0.35±0.03	0.35±0.03	0.35±0.03	0.35±0.03	0.35±0.03	0.35±0.03	0.35±0.03	0.35±0.03
Basis Weight	g/m ²	75±5	75±5	75±5	75±5	75±5	75±5	75±5	75±5
Efficiency @0.3µm 5.33cm/s	%	≥95	≥97	≥99.5	≥99.9	≥99.95	≥99.97	≥99.99	≥99.995
Air Resistance @0.3µm 5.33cm/s	Pa	≤140	≤160	≤250	≤280	≤300	≤330	≤350	≤380
Tensile Strength	(MD)	KN/m	≥1.2	≥1.2	≥1.2	≥1.2	≥1.2	≥1.2	≥1.2
	(CD)	KN/m	≥0.6	≥0.6	≥0.6	≥0.6	≥0.6	≥0.6	≥0.6
Stiffness	mg	≥1000	≥1000	≥1000	≥1000	≥1000	≥1000	≥1000	≥1000
Ignition Loss	%	≤10	≤10	≤10	≤10	≤10	≤10	≤10	≤10
Water Repellency	mmH ₂ O	≥300	≥300	≥300	≥300	≥300	≥300	≥300	≥300

Experiment condition and test methods:

- ① Thickness —@100KPa , GB/T 451.3-2002Basis Weight—GB/T 451.2-2002;
- ② Efficiency—@0.3µm ,5.33cm/s, TSI8127, NIOSH 42 CFR PART 84;
- ③ Air Resistance—@0.3µm ,5.33cm/s, TSI8127, NIOSH 42 CFR PART 84;
- ④ Tensile Strength—GB/T 453-2002Stiffness—TAPPI T543;
- ⑤ Water Repellency—GB4744-1997, ISO8111;
- ⑥The specification is only for consideration.

■ A Plus International

A Plus International is headquartered in Los Angeles, California and is a 30+ year veteran in the design and production of woven and non-woven products. To ensure quality products, A Plus manages a complete industrial chain from raw materials to finished goods, serving customers in multiple industries, including healthcare, hygiene and filtration. The company treats the protection of human health as its core responsibility, pursues excellence and forges ahead with an innovative and enterprising spirit. Internally driven by technical research and development, and based on strong production capacity, A Plus adheres to a differentiated product strategy and continuously supplies cost-effective and excellent materials. A Plus partners with industry leading R&D centers around the world and works closely with universities and research institutions for further breakthroughs.