INTEGRITY™
CLEANROOM PRODUCTION SOLUTIONS

PRODUCT

Integrity Autoclavable Cleanroom Paper

600-0620

DESCRIPTION

The polymer impregnated substrate surrounds and bonds each individual cellulose fibre resulting in a cleanroom paper. The cellulose fibre core provides true paper characteristics giving problem free writing, printing and photocopying. Autoclavable, and benefits from extremely low static build-up and particulate generation.

FEATURES

- Latex Free
- The paper has a high degree of chemical resistance. The maximum loss of strength was 21% after soaking in the following 5% v/v H_2SO4 2% w/w NaOH, Acetone, Ethanol and water. Tensile test on air-dried sheets.
- Can be sterilised by gamma irradiation, ETO or steam without seriously impairing the sheet. The particle count remains at the normal, low level.
- Microbe Testing – The yielded four colony forming units (CFU) according to micro pore filtration methodology and zero CFU according to Rodac plate methodology.
- The paper has a flammability rating of "moderately flammable" Classification 2, according to the National Fire Protection agency (NFPA-702)
- Using tests similar to those methods described in Federal Substances Act, CFR 16, Section 1500.41, it was determined that this paper would not be classified as primary skin irritant.
- Tests from NAMSA state that the paper is nancytotoxic (MEM elution with l929 mice fibre blast cells)

To request a quotation or for more information, please call **+44 (0)1473 836205** email **info@integritycleanroom.com** or visit **www.integritycleanroom.co.uk**

PROPERTY	TARGET	LIMITS
Basis Weight (3300 Sq. ft)	45.2	42.2 - 49.3
Basis Weight (gsm)	66.9	62.4 - 72.9
Caliper (Mils)	4.2	3.7 - 4.7
Caliper (mm)	0.107	0.094 - 0.119
Dry Tensile (lbs/inch) MD	28.7	20.1 min
Dry Tensile (lbs/15mm) MD	7.7	5.4 min
Dry Tensile (lbs/inch) CD	18.7	13.1 min
Dry Tensile (lbs/15mm) CD	5.0	3.5
Elmendorf Tear MD	64	44 min
(g/16 sht.) CD	68	47 min
Gurley Porosity - 8 Sht. (sec/100cc)	35.0	20.0 min

PRODUCT CODE	DESCRIPTION	SIZE (INCH)	COLOUR	WEIGHT (gsm)	QUANTITY (sheets)
600-0620	Autoclavable Cleanroom Paper	A4 - 8.3 x 11.7	White	70	250
600-0621	Autoclavable Cleanroom Paper	A4 - 8.3 x 11.7	White	85	250
600-0622	Autoclavable Cleanroom Paper	A4 - 8.3 x 11.7	Blue	85	250
600-0623	Autoclavable Cleanroom Paper	A3 - 11.69 x 16.53	White	104	250

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