



Cleanroom folder

High-Quality, dust free, ISO class 5 fit

Due to special surface, dirt can be easily removed.

The folder consists from 2 different layers. The properties of these two layers are shown in the table below.

Test	Unit	Layer 1: SC340NB Result	Layer 2 : SC64NB Result
Paper weight	g/m ²	332,2	63,4
Thickness	mm/100	40,4	7,0
Bulk density	g/m ³	0,822	0,906
Burst density	Kpa	1.364	221
Tencil strength (MD)	KN/m	16,35	4,28
Tencil strength (CD)	KN/m	11,63	3,42
Tearing strength (MD)	mN	3.924	363
Tearing strength (CD)	mN	4.238	363
Folding strength (MD)	log	3,41	
Folding strength (CD)	log	3,09	
Surface strength (F)	A	11	18
Surface strength (W)	A	11	18
Smoothness	Sec.	11	152
Smoothness	Sec.	14	92
Permeability	Sec.	112	57
Opacity	%	99,1	70,7
Ash contents	%	0,28	0,17
Softness (MD)	mN/100	10.242	59
Softness (CD)	mN/100	3.161	41
Surface pH		7,0	6,8

Conditions: 23°C, RH 50%

Test	Unit	Layer 1: SC340NB Result	Layer 2 : SC64NB Result
Surface electric (F)	Ω	1.4 x 10 ¹¹	1.4 x 10 ¹¹
Surface electric (W)	Ω	1.4 x 10 ¹¹	1.4 x 10 ¹¹
Electrostatic half-time	Sec.	0,45	0,45

*1

Dust generation degree		Layer 1: SC340NB	Layer 2 : SC64NB
Over 0,1 μm			
Rubbing	PC/CF	816	127
Crumpling		0	156
Tearing/Rubbing		0	42
Over 0,3 μm			
Rubbing	PC/CF		71
Crumpling			99
Tearing/Rubbing			28

*2



***1**

Surface electricity

B43HIGH TMEGOHM METER TR-8601 Takeda Riken Kougyou Ltd.

Static decay time

After charging 10V – measure the half-life of electricity on the sample

(Measurement equipment: STATIC HONEST METER TYPES – 5109)

***2**

Dust generation > Test method: SEMI G67-0996

1. Crumpling: Test piece of size A5 is manually rubbed once every 15 seconds for 200 seconds
2. Rubbing: Two test pieces of size A5 are prepared and put together, front and back and manually rubbed three times every 10 seconds for 200 seconds
3. Tearing/Crumpling: Test piece of size A5 is torn at four places (4 cm interval) once every five seconds and then crumpled for 180 seconds in the same way as for the rubbing test.

Figures shown at the above are not guaranteed values but measured values.



Colour: White
Art.-no.: RPSCB-A44 (width 40 mm)
RPSCB-A47 (width 70 mm)
Packaging unit: 2 pcs. (double pack)

hans j. michael gmbh

Gewerbegebiet Hart 11, D-71554 Weissach i.T., Phone: 0049-7191-9105-0, Fax: 0049-7191-9105-19
e-mail: office@hjm-reinraum.de, website: <http://www.cleanroom-hjm.com>