

RJR
SECRET

No. 303 By R.V.

R.J.Reynolds Tobacco Company
Winston-Salem, N.C. 27102
(919) 777 5000

RJR

July 17, 1986

QA

To : Mr. D. C. Straka

From : R. deLacy


Subject: Glass Fiber From O.C.F.

Samples of rolls of P830 glass fiber mat made at O.C.F. Aiken, S.C., on July 14 and 15, 1986, were tested by Operations Development Q.A. on July 16, 1986, and were found to meet the specifications established for this run by R&D. Roll to roll variability of the material was minimal, despite the shortness of the run and the slight variation in the raw material. O.C.F. generated data concurs with O.D's results; a comparison of the data is attached.

Material from this run will continue to be tested periodically, in order to monitor the stability of the tested parameters.

Machinability trials will determine whether material produced to these R&D specifications is what is necessary for mass production.

Another run with similar results would help indicate the reproducibility of this process.


Regina deLacy

Rd/rv

Attachment

xc: Messrs.: L. L. Bass, III
M. N. Baker
L. H. Hancock
L. W. Peterson
M. D. Shannon
K. W. Smith
R. E. Yeatts
Ms.: L. H. O'Connor

50613 8944

July 18, 1986

Fiberglass Material
(Quality Assurance Data)

Mfg. 7-15-86

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ADDRESSEE C

No. 436 By *Kub*

830 Roll #	Tensile Strength (MD) (Lbs/2in)		Tensile Strength (CD) (Lbs/2in)		Basis Weight (gms/sqm)		LOI (% By Weight)		Stiffness		Caliper	
	Customer	Aiken	Customer	Aiken	Customer	Aiken	Customer	Aiken	CD	MD	Customer	Aiken
89	36.8	36	14.8	15.0	203	208	2.85	3.05	3259.7	4445.0	.040	.039
85	32.4	36	14.6	16.0	206	206	2.82	2.96	3318.9	4089.4	.041	.040
78	33.8	33	12.3	14.0	204	203	2.71	2.88	2904.1	4148.7	.042	.041
82	38.6	36	17.1	15.0	204	204	2.63	2.95	3318.9	4859.9	.043	.043
88	30.4	36	15.5	15.0	209	208	2.88	3.05	2904.1	4504.3	.042	.039
80	31.0	34	15.4	15.0	200	204	2.98	3.00	3496.7	4445.0	.043	.040
79	35.4	34	15.6	15.0	208	204	2.94	3.00	3022.6	3289.3	.042	.040
81	36.8	34	16.1	15.0	206	204	2.70	3.00	2963.3	3733.8	.041	.040
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an	8	8	8	8	8	8	8	8	8	8	8	8
d. Dev.	34.4	34.9	15.2	15.0	2.05	2.05	2.81	2.99	3148.5	4189.4	.042	.040
	2.98	1.246	1.396	0.535	2.88	1.959	.124	.056	227.2	494.1	.001	.001
urrent ecs	20 - 30 (Lb/in)		TBD		184 - 216 (gm/m ²)		2.6 - 3.1 (%)		TBD		TBD Nominal Spec .043 (inches)	

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