

## Erratum

### Chemical Modification of Kevlar Fiber Surfaces and of Model Diamides

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[article in *J. Appl. Polym. Sci.*, **31**, 1041-1059 (1986)]

Top of p. 1043 All Captions Missing in Figure 1 (Heading)

Top formula Kevlar 49

Middle formula MC-1:

$N_1N^1$ -diphenyl-1,4-benzenedicarboxylamide

Bottom formula MC-2:

$N_1N^1$ -dibenzoyl-1,4-phenylene diamine

p. 1044 Ammonolysis - Reference number 14-17 (not 4-17)

Nitration - Reference number 18, 19 (not 13, 19)

p. 1046 Table III MP in error

Column Heading °C (not O<sub>c</sub>)

BMC-1- 373.8 (not 273.8)

BMC-1- 365.9 (not 265.9)

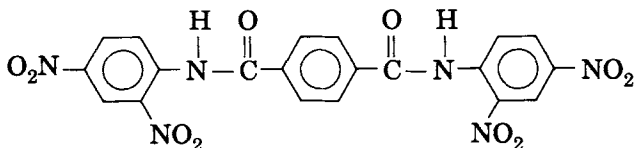
p. 1047 - Table IV and

Mp column heading °C (not O<sub>c</sub>)

p. 1048 - Table V

p. 1048 - Table V The position of the NO<sub>2</sub> is in error in the formula of NMC 1

Correct formula below:



Second formula is NMC-2 (not NMC<sub>2</sub>)

p. 1051 Figure 2 Caption is Missing:

Figure 2 Effect of NaNH<sub>2</sub> concentration in EDA

End of third paragraph: . . . "enhanced by the presence of NaNH<sub>2</sub>" (Not enhanced . . . NaNH<sub>2</sub>)

p. 1055 Table VIII

Title is Missing:

"Mechanical Properties of Modified Fibers"

Headings for the last three columns and the last column of data have been omitted.

Corrected Table VIII is attached.

p. 1058 The Acknowledgement has been omitted:

"The authors wish to thank Dr. E. Pearce, Director of the Polymer Research Institute at Polytechnic for his support and encouragement, and Professors Donald Uhlmann and Stanley Backer at MIT for many helpful suggestions."

TABLE VIII  
MECHANICAL PROPERTIES OF MODIFIED FIBERS

Fiber sample	NH <sub>2</sub> per 100 Å <sup>2</sup>	Strength (g/d)			Elongation %		
		Average	CV (%)	Loss (%)	Average	CV (%)	Loss (%)
Control	—	35.9	16.7	—	2.84	13.5	—
7-NFA	0.48	32.6	17.0	9.2	2.80	12.1	1.4
8-NFA	0.59	32.4	24.5	9.7	2.65	23.3	6.7
11-NFA	0.56	39.0	17.1	-8.7	2.60	16.0	8.4
9-BFA	0.47	23.8	32.8	33.7	1.94	30.1	31.7
10-BFA	6.31	16.0	27.8	55.4	1.52	22.5	46.5
13-BFA	0.86	32.5	23.5	9.5	2.41	14.1	15.1