

Securities and Exchange Commission  
Washington, D. C. 20549

Schedule 13-G/A  
Under the Securities and Exchange Act of 1934

Eastman Kodak Company  
Common Stock  
CUSIP Number 277461109

Check the following box if a fee is being paid with this statement. [ ]

CUSIP No. 277461109

- 1) Name of reporting person:  
Legg Mason, Inc.  
Tax Identification No:  
52-1200960
- 2) Check the appropriate box if a member of a group:  
a) n/a  
b) n/a
- 3) SEC use only
- 4) Place of organization:  
Baltimore, Maryland

Number of shares beneficially owned by each reporting person with:

- 5) Sole voting power: 12,191,813
- 6) Shared voting power: 5,155,666
- 7) Sole dispositive power: - 0 -
- 8) Shared dispositive power: 17,347,479

- 9) Aggregate amount beneficially owned by each reporting person:  
17,347,479

- 10) Check if the aggregate amount in row (9) excludes certain shares:  
n/a

- 11) Percent of class represented by amount in row (9):  
5.63%

- 12) Type of reporting person:  
HC

Item 1a) Name of issuer:  
Eastman Kodak Company

Item 1b) Address of issuer's principal executive offices:  
343 State Street  
Rochester, NY 14650

Item 2a) Name of person filing:  
Legg Mason, Inc.

Item 2b) Address of principal business office:  
100 Light Street  
Baltimore, Maryland 21202

Item 2c) Citizenship:  
Maryland Corporation

Item 2d) Title of class of securities:  
Common Stock

Item 2e) CUSIP number: 277461109

Item 3) If this statement is filed pursuant to Rule 13d-1(b),  
or 13d-2(b), check whether the person filing is a:

- (a) [ ] Broker or dealer under Section 15 of the Act.
- (b) [ ] Bank as defined in Section 3(a)(6) of the Act.
- (c) [ ] Insurance Company as defined in section 3(a)(19) of the Act.
- (d) [ ] Investment Company registered under Section 8 of the  
Investment Company Act.
- (e) [ ] Investment Adviser registered under Section 203 of  
the Investment Advisers Act of 1940.
- (f) [ ] Employee Benefit Plan, Pension Fund which is  
subject to ERISA of 1974 or Endowment Fund; see  
240.13d-1(b)(ii)(F).
- (g) [X] Parent holding company, in accordance with 240.13d-1(b)(ii)(G).

(h) [ ] Group, in accordance with 240.13d-1(b)(1)(ii)(H).

Item 4) Ownership:

(a) Amount beneficially owned: 17,347,479

(b) Percent of Class:  
5.63%

(c) Number of shares as to which such person has:

(i) sole power to vote or to direct the vote:  
12,191,813

(ii) shared power to vote or to direct the vote:  
5,155,666

(iii) sole power to dispose or to direct the disposition of:  
- 0 -

(iv) shared power to dispose or to direct the disposition of:  
17,347,479

Item 5) Ownership of Five Percent or less of a class:  
n/a

Item 6) Ownership of more than Five Percent on behalf of another  
person:  
n/a

Item 7) Identification and classification of the subsidiary which  
acquired the security being reported on by the parent holding company:

Legg Mason Funds Management, Inc., as investment adviser  
with discretion

Brandywine Asset Management, Inc., as investment adviser  
with discretion

Bingham Legg Advisers LLC, as investment adviser with  
discretion

Bartlett & Co., as investment adviser with discretion

Legg Mason Capital Management, Inc., as investment adviser  
with discretion

Legg Mason Wood Walker, Inc., as broker dealer and investment  
adviser with discretion

Legg Mason Trust, fsb, as investment adviser with discretion

Gray, Seifert & Co., Inc., as investment adviser with  
discretion

Item 8) Identification and classification of members of the group:  
n/a

Item 9) Notice of dissolution of group:  
n/a

Item 10) Certification:

By signing below I certify that, to the best of my knowledge  
and belief, the securities referred to above were acquired in the  
ordinary course of business and were not acquired for the purpose of  
and do not have the effect of changing or influencing the control of  
the issuer of such securities and were not acquired in connection with  
or as a participant in any transaction having such purposes or effect.

After reasonable inquiry and to the best of my knowledge and  
belief, I certify that the information set forth in this statement is  
true, complete and correct.

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Date: 3/14/01

Signature

Timothy C. Scheve, Executive Vice President, Legg Mason, Inc.

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Name/Title

Addendum to Schedule 13G/A filed by Legg Mason, Inc.  
Tax Identification No. 52-1200960

Shares of Eastman Kodak Company owned a/o 12/31/00

CUSIP 277461109

Shares      Sole      Shared      Sole      Shared

Name	Class	Owned	V P	V P	D P	D P
Legg Mason Funds Management, Inc.	IA	12,191,813	12,191,813			12,191,813
Brandywine Asset Management, Inc.	IA	400		400		400
Bingham Legg Advisers LLC	IA	1,796		1,796		1,796
Bartlett & Co.	IA	10,556		10,556		10,556
Legg Mason Capital Management, Inc.	IA	4,867,850		4,867,850		4,867,850
Legg Mason Wood Walker, Inc.	BD & IA	247,755		247,755		247,755
Legg Mason Trust, fsb	IA	14,214		14,214		14,214
Gray, Seifert & Co. Inc.	IA	740		740		740

Shares Outstanding 307,895,000

% Owned 5.63%