

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

## SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934  
(AMENDMENT NO. )\*

ADVANCED POLYMER SYSTEMS, INC.  
(Name of Issuer)

COMMON STOCK  
(Title of Class of Securities)

007546-10-2  
(CUSIP Number)

July 6, 1998  
(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)  
 Rule 13d-1(c)  
 Rule 13d-1(d)

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

SCHEDULE 13G

CUSIP NO. 007546-10-2

PAGE 2 OF 7 PAGES

1 NAME OF REPORTING PERSON  
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

Johnson & Johnson

22-1024240

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\*

(A) / /

(B) / /

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

New Jersey

NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED BY  
EACH  
REPORTING  
PERSON  
WITH

5 SOLE VOTING POWER

-0-

6 SHARED VOTING POWER

1,332,101

7 SOLE DISPOSITIVE POWER

-0-

8 SHARED DISPOSITIVE POWER

1,332,101

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,332,101

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES\*

/ /

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

6.72%

12 TYPE OF REPORTING PERSON\*

CO

\*SEE INSTRUCTIONS BEFORE FILLING OUT!

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CUSIP NO. 007546-10-2  
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PAGE 3 OF 7 PAGES  
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1 NAME OF REPORTING PERSON  
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

Johnson & Johnson Development Corporation 22-2007137

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2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\* (A) / /  
(B) / /

-----  
3 SEC USE ONLY

-----  
4 CITIZENSHIP OR PLACE OF ORGANIZATION

New Jersey

-----  
NUMBER OF 5 SOLE VOTING POWER  
SHARES  
BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH  
-0-

-----  
6 SHARED VOTING POWER  
1,332,101

-----  
7 SOLE DISPOSITIVE POWER  
-0-

-----  
8 SHARED DISPOSITIVE POWER  
1,332,101

-----  
9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,332,101

-----  
10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES\*  
/ /

-----  
11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

6.72%

-----  
12 TYPE OF REPORTING PERSON\*

CO

-----  
\*SEE INSTRUCTIONS BEFORE FILLING OUT!

Item 1. Name and Address of Issuer:

Advanced Polymer Systems, Inc.  
123 Saginaw Drive  
Redwood City, CA 94063

Item 2. (a) Name of Person Filing:

Johnson & Johnson ("J&J")  
Johnson & Johnson Development corporation ("JJDC")

(b) Address of Principal Business Office of J&J and JJDC:

One Johnson & Johnson Plaza, New Brunswick, New  
Jersey 08933

(c) Place of Organization or Citizenship:

J&J and JJDC are both New Jersey corporations

(d) Title of Class of Securities:

Common Stock, par value \$.01

(e) CUSIP Number:

007546-10-2

Item 3. This statement is filed pursuant to Rule 13d-1(c) by J&J and JJDC.

Item 4. Ownership:

(a) Amount Beneficially Owned by J&J and JJDC

J&J	1,332,101
JJDC	1,332,101

(b) Percent of Class:

J&J	6.72%
JJDC	6.72%

(c) Number of Shares as to which the filing person has:

(i)	sole power to vote or to direct the vote		
	J&J		0
	JJDC		0
(ii)	shared power to vote or to direct the vote		
	J&J		1,332,101
	JJDC		1,332,101
(iii)	sole power to dispose or to direct the disposition of		
	J&J		0
	JJDC		0
(iv)	shared power to dispose or to direct the disposition of		
	JJDC		1,332,101
	J&J		1,332,101

Item 5. Ownership of Five Percent or Less of a Class:

Not applicable

Item 6. Ownership of More Than Five Percent on Behalf of Another Person:

Not applicable

Item 7. Identification and Classification of Subsidiaries which Acquired the Security Being Reported on by the Parent Holding Company:

Not applicable

Item 8. Identification and Classification of Members of the Group:

Not applicable

Item 9. Notice of Dissolution of Group:

Not applicable

Item 10. Certification:

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

SIGNATURE

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.

JOHNSON & JOHNSON

By: /s/ P. S. Galloway

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Name: Peter S. Galloway  
Title: Secretary

Dated: July 10, 1998

JOHNSON & JOHNSON DEVELOPMENT  
CORPORATION

By: /s/ P. S. Galloway

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Name: Peter S. Galloway  
Title: Secretary

Dated: July 10, 1998