

# ModernGraham Valuation

Company Name:

3M Co

Company Ticker MMM

Date of Analysis

11/10/2018



## Stage 1: Is this company suitable for the Defensive Investor or the Enterprising Investor?

*Defensive Investor; must pass 6 out of the following 7 tests.*

1. Adequate Size of the Enterprise	Market Cap > \$2Bil	\$117,097,911,210	Pass
2. Sufficiently Strong Financial Condition	Current Ratio > 2	1.97	Fail
3. Earnings Stability	Positive EPS for 10 years prior		Pass
4. Dividend Record	Dividend Payments for 10 years prior		Pass
	Increase of 33% in EPS in past 10 years using 3 year averages at beginning and end	58.35%	Pass
5. Earnings Growth			
6. Moderate PEmg Ratio	PEmg < 20	23.95	Fail
7. Moderate Price to Assets	PB Ratio < 2.5 OR PB*PEmg < 50	11.67	Fail

*Enterprising Investor; must pass 4 out of the following 5 tests, or be suitable for the Defensive Investor.*

1. Sufficiently Strong Financial Condition	Current Ratio > 1.5	1.97	Pass
2. Sufficiently Strong Financial Condition	Debt to NCA < 1.1	1.91	Fail
3. Earnings Stability	Positive EPS for 5 years prior		Pass
4. Dividend Record	Currently Pays Dividend		Pass
5. Earnings Growth	EPSmg greater than 5 years ago		Pass
	Score		

### Suitability

<b>Defensive</b>	<b>No</b>
<b>Enterprising</b>	<b>Yes</b>

## Stage 2: Determination of Intrinsic Value

EPSmg	\$8.40
MG Growth Estimate	3.74%
<b>MG Value</b>	<b>\$134.10</b>
MG Value based on 3% Growth	\$121.75
MG Value based on 0% Growth	\$71.37
Market Implied Growth Rate	7.72%

### MG Opinion

Current Price	\$201.10
% of Intrinsic Value	149.97%
<b>Opinion</b>	<b>Overvalued</b>
<b>MG Grade</b>	<b>B</b>

## Stage 3: Information for Further Research

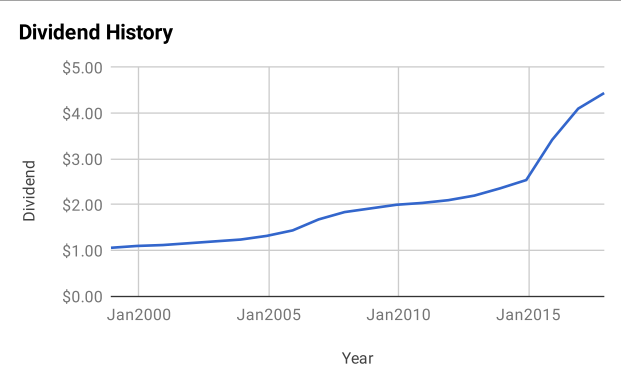
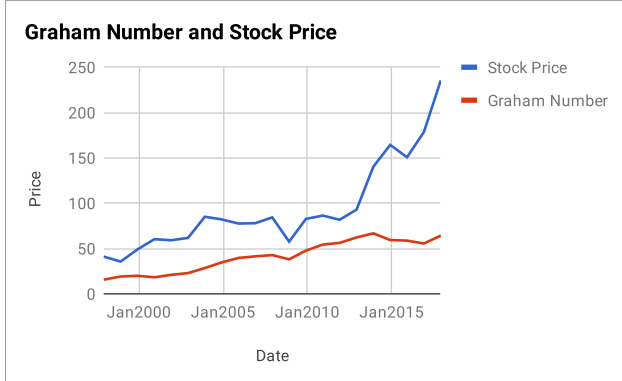
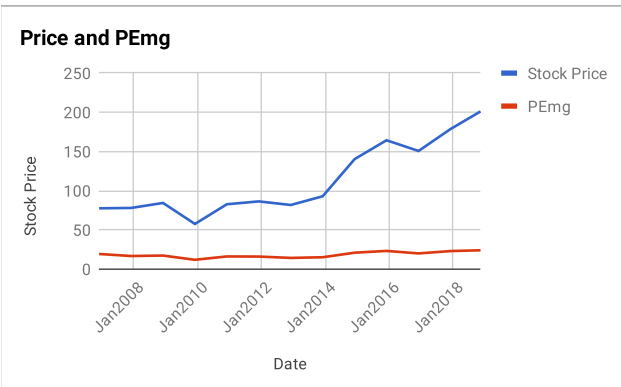
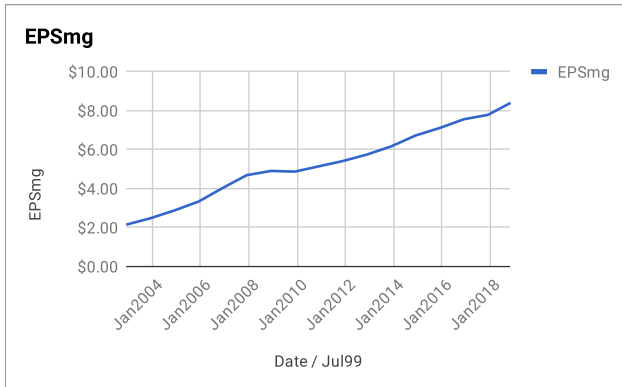
Net Current Asset Value (NCAV)	-\$20.96
Graham Number	\$64.19
PEmg	23.95
Current Ratio	1.97
PB Ratio	11.67
Current Dividend	\$4.70
Dividend Yield	2.34%
Number of Consecutive Years of Dividend Growth	20

### Useful Links:

<a href="#">ModernGraham tagged articles</a>	<a href="#">Morningstar</a>
<a href="#">Google Finance</a>	<a href="#">MSN Money</a>
<a href="#">Yahoo Finance</a>	<a href="#">Seeking Alpha</a>
<a href="#">GuruFocus</a>	<a href="#">SEC Filings</a>

EPS History		EPSmg History	
Next Fiscal Year Estimate	\$9.42	Next Fiscal Year Estimate	\$8.40
Dec2017	\$7.93	Dec2017	\$7.78
Dec2016	\$8.16	Dec2016	\$7.56
Dec2015	\$7.58	Dec2015	\$7.11
Dec2014	\$7.49	Dec2014	\$6.72
Dec2013	\$6.72	Dec2013	\$6.17
Dec2012	\$6.32	Dec2012	\$5.75
Dec2011	\$5.96	Dec2011	\$5.42
Dec2010	\$5.63	Dec2010	\$5.14
Dec2009	\$4.52	Dec2009	\$4.87
Dec2008	\$4.89	Dec2008	\$4.90
Dec2007	\$5.60	Dec2007	\$4.69
Dec2006	\$5.06	Dec2006	\$4.03
Dec2005	\$3.98	Dec2005	\$3.33
Dec2004	\$3.56	Dec2004	\$2.88
Dec2003	\$3.02	Dec2003	\$2.47
Dec2002	\$2.50	Dec2002	\$2.15
Dec2001	\$1.79	<b>Balance Sheet Information 9/1/2018</b>	
Dec2000	\$2.23	Total Current Assets	\$14,419,000,000
Dec1999	\$2.19	Total Current Liabilities	\$7,336,000,000
Dec1998	\$1.49	Long-Term Debt	\$13,539,000,000
		Total Assets	\$37,275,000,000
		Intangible Assets	\$12,849,000,000
		Total Liabilities	\$26,964,000,000
		Shares Outstanding (Diluted Average)	598,400,000





Disclaimer:

This valuation is not investment advice. Anyone who is considering making an investment decision should speak to a registered investment advisor.

The author did not hold a position in any company mentioned in this article at the time of publication and had no intention of changing those holdings within the next 72 hours.

### Recommended Reading:

Other  
ModernGraham  
posts about the  
company

- [3M Company Valuation – February 2018 \\$MMM](#)
- [3M Co. Valuation – December 2016 \\$MMM](#)
- [3M Company Valuation – August 2016 \\$MMM](#)
- [3M Company Valuation – February 2016 Update \\$MMM](#)
- [15 Best Stocks For Value Investors This Week – 9/12/15](#)

Other  
ModernGraham  
posts about related  
companies

- [ITT Inc Valuation – July 2018 \\$ITT](#)
- [Illinois Tool Works Inc Valuation – June 2018 \\$ITW](#)
- [Honeywell International Inc Valuation – June 2018 \\$HON](#)
- [General Electric Co Valuation – February 2018 \\$GE](#)
- [3M Company Valuation – February 2018 \\$MMM](#)
- [Raven Industries Inc Valuation – September 2017 \\$RAVN](#)
- [Illinois Tool Works Inc Valuation – August 2017 \\$ITW](#)
- [Honeywell International Inc Valuation – July 2017 \\$HON](#)
- [Carlisle Companies Inc Valuation – Initial Coverage \\$CSL](#)
- [ITT Inc Valuation – Initial Coverage \\$ITT](#)