

NORTON

SAINT-GOBAIN®

POWERED BY ELGIN TECHNOLOGY

DYMO - HIGH QUALITY DIAMOND COMPOUND AND SLURRY

Norton Elgin Dymo diamond lapping compounds and slurries polish all materials – hard and soft. Diamond powders are evenly suspended so there is no diamond agglomeration allowing for aggressive polishing and consistent part quality. General purpose Dymo, and highly lubricated Dymo C compounds are both oil and water soluble and available in disposable syringes or jars. Dymo-S100 and Dymo-K09 diamond slurries are available in sterile bottles.



APPLICATIONS

For mold, die, and tool polishing, polishing to final tolerance of ceramic parts, initial charging of lapping plates and discs, and other processes that require mirror finish and close tolerance performance.

www.nortonabrasives.com

- Keeps diamond permanently and evenly suspended so there is no diamond particle agglomeration
- Allows for aggressive polishing – producing high quality parts
- Premium diamond grains
- Indefinite shelf life
- Color coded by grade for easier identification
- Backed by Norton and Elgin history of quality



Diamond Compound Availability:

- Dymo – General purpose diamond compound
- Dymo C – Highly lubricated diamond compound
- Concentrations: Medium, Heavy, Strong
- Disposable Syringes: 5 gram, 18 gram
- Jars: 5 gram, 18 gram

Note: Larger size jars and syringes available upon request

Diamond Slurry Availability:

- Dymo-S100 – Excellent cooling and lubricating action. Soluble in either cool water or oil
- Dymo-K09 – Best for lapping of materials where a high reflective surface is desired. Soluble in oil or mineral spirits
- Micron Grades: 1/4 to 45
- Concentrations: Medium, Heavy, Strong
- Sterile Bottles: 100 gram, 400 gram

GRADE	SIZE RANGE	EXPECTED MICRO FINISH	GENERAL RECOMMENDATION	COLOR
1/10	0 to 1/5	less than 1	For selected applications where fines finishes and close tolerances are required - metallo-graphic, optical, electronics, etc.	Gray
1/4	0 to 1/2	less than 1		Gray
1/2	0 to 1	less than 1		Gray
1	3/4 to 1 1/2	1 or less	Final finishing grades used for majority of polishing applications.	Ivory
2	1 1/2 to 3	2 or less		Gray
3	2 to 4	3 or less		Yellow
4	3 to 6	4 or less		Gray
6	4 to 8	4 or less		Orange
9	6 to 12	5 or less		Green
12	8 to 16	7 or less	Grades commonly used to prepare work for final finishing.	Gray
15	10 to 20	8 or less		Blue
20	15 to 25	15 or less		Gray
30	20 to 40	17 or less		Red
45	30 to 60	25 or less		Brown
60	325/400		For very fast removal of excessive stock.	Purple
230	230/270			Purple
170	170/200			Gray/Black
100	100/120			Black



Additional Grades:

To meet the finish requirements of specific applications, additional grades are available.

For Elgin Dymo product inquiries please contact us at 1 (800) 323-6676 or 4070@saint-gobain.com



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