



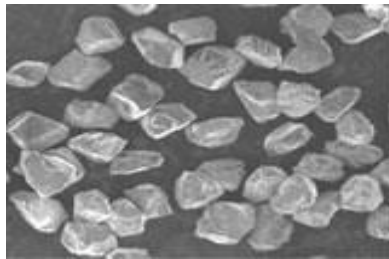
Micron Powder

Products Available

Metal Bond Micron Powder

Sm-MB is produced from our high quality saw grit. With well-controlled size, shape and transparency, our product is specially designed for metal bond systems.

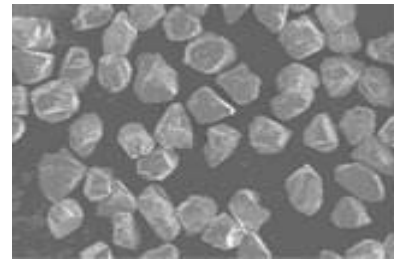
- ◆ Blocky shape
- ◆ Very clear particles
- ◆ Well-controlled size
- ◆ High strength
- ◆ Good oversize control



Resin Bond Micron Powder

Sm-RB is produced from our friable resin bond diamond grit. The micro-chipping structure and self-sharpening features make it suitable for polishing tungsten carbide, PDC, glass and ceramic.

- ◆ Blocky shape
- ◆ Clean particle surface
- ◆ High friability
- ◆ Well controlled mean





Size Chart

Bur. Of Stds. Part No.	Micron Size	Approximate Finish (Micro-Inches)	Equiv. Mesh sizes	Typical Application	
SA-1/10-m	0 - 0.25 mic.	0 - 0.5	200,000	Super Final Finishing	
SA-1/4-m	0 - 0.5 mic.		100,000		
SA-5/8-m	0.25 - 1 mic.		60,000		
SA-3/4-m	0.5 - 1 mic.	0 - 1	15,000		
SA-1/2-m	0 - 1 mic.				
SA-1-m	0 - 2 mic.				
SA-1.25m	0.5 - 2 mic.				
SA-1.5m	1 - 2 mic.				
SA-1.75m	0.5 - 3 mic.	1 - 2	12,500		
SA-2m	1 - 3 mic.		12,000		
SA-2.25-m	1.5 - 3 mic.		10,000		
SA-2.5m	2 - 3 mic.				
SA-3-m	2 - 4 mic.		8,000	General Final Polishing	
SA-3.5m	2 - 5 mic.	2 - 3	7,000		
SA-4m	2 - 6 mic.		5,000		
SA-4.5-m	3 - 6 mic.		4,000		
SA-5-m	4 - 6 mic.				
SA-6-m	4 - 8 mic.	3 - 5	3,000	General Final Finish	
SA-7.5-m	5 - 10 mic.		2,200		
SA-8-m	6 - 10 mic.		2,000		
SA-9-m	6 - 12 mic.		1,800		
SA-10-m	8 - 12 mic.		1,600		
SA-12-m	8 - 16 mic.	4 - 6	1,500		
SA-14-m	10 - 18 mic.		1,300		
SA-15-m	10 - 20 mic.		1,200		
SA-17-m	12 - 22 mic.	7 - 9	1,100		Rough Finish for Dimensions
SA-20-m	15 - 25 mic.		1,000		
SA-22.5-m	20 - 25 mic.		900		
SA-25-m	20 - 30 mic.		800		
SA-29-m	22 - 36 mic.		700		
SA-30-m	20 - 40 mic.	10 - 15	600		
SA-35-m	30 - 40 mic.		550		
SDA-40-m	35 - 45 mic.	15 - 25	530		
SA-45-m	36 - 54 mic.		520		
SA-45-m	40 - 50 mic.				
SA-50-m	40 - 60 mic.	+25	500	Fast Stock Removal	
SA-67-m	54 - 80 mic.		325/400		
SA-100-m	80 - 125 mic.		270/325		