



4090 Hwy 49 – Glen Ullin, ND 58631
Phone 701-348-3610 Fax 701-348-3615

Black Magic Technical Data Coal Slag Abrasive

| | |
|------------------|--------------------------|
| Bulk Density | 80-90 lbs per cubic foot |
| Hardness | 6.5-7.5 |
| Specific Gravity | 2.65-2.90 |
| Moisture | < .5 |
| Free Silica | < .02 |
| Melting | > 2500° |

Non-Soluble
Non-Flammable
Non-Hazardous
No Crystalline Structure

Mil Profile

| <u>U.S. Sieves</u> | <u>Profile</u> |
|--------------------|----------------|
| 8-20 | 4+ Mil |
| 16-40 | 3-4 Mil |
| 20-40 | 2-3 Mil |
| 30-60 | 1.5 to 2.5 Mil |
| 40-60 | 1-2 Mil |
| 60-100 | .5-1 Mil |

Typical Results

Elements & Concentration Reported As Oxides:

| | |
|-----------------|-------|
| Silicon Dioxide | 35-45 |
| Aluminum Oxide | 16-22 |
| Calcium Oxide | 13-19 |
| Sodium Oxide | 2-4 |
| Magnesium Oxide | 5-9 |
| Iron Oxide | 9-16 |
| Potassium Oxide | 1-2 |

Characteristics

Hard Angular Particles
Consistent weight and size
Fast Cleaning
Excellent Profile for Coating Adhesion

Black Magic Coal Slag is 100% recycled product from coal fired generation.