



# Coastal Anthrafil

## Typical, Physical & Chemical Characteristics

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|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------|
| 1. Apparent Specific Gravity                             |                                                                                                           | 1.65 ± .05                              |
| 2. Hardness                                              |                                                                                                           | 3.0 – 3.8 MOH Scale                     |
| 3. Attrition Losses                                      |                                                                                                           | Minimal                                 |
| 4. Shape Factor                                          |                                                                                                           |                                         |
|                                                          | (Sphericity = $\frac{\text{surface area of equivalent sphere}}{\text{surface area of irregular grain}}$ ) |                                         |
|                                                          | 0.61 Loosely packed                                                                                       |                                         |
|                                                          | 0.60 Tightly packed                                                                                       |                                         |
| 5. Source of Material                                    |                                                                                                           | PA Eastern Middle Field<br>Mammoth Vein |
| 6. Average ultimate analyses (moisture & ash-free basis) |                                                                                                           |                                         |
|                                                          | Hydrogen                                                                                                  | 2.1%                                    |
|                                                          | Carbon                                                                                                    | 94.7%                                   |
|                                                          | Nitrogen                                                                                                  | 0.8%                                    |
|                                                          | Oxygen                                                                                                    | 1.6%                                    |
|                                                          | Sulphur                                                                                                   | 0.8%                                    |
|                                                          | B.T.U.                                                                                                    | 14.828                                  |
| 7. Acid Solubility (per AWWA B-100-80)                   |                                                                                                           | < 1%                                    |
| 8. Caustic Solubility (1% NaOH @ 190°F)                  |                                                                                                           | < 1%                                    |

### Anthrafil Sizes

GRADES	BAG COLOR	SIZES (INCHES)	SIZE (MILIMETERS)
#1	Orange	---	.6 - .8
#1	Blue	---	.85 - .95
#2	Yellow	3/16 x 3/32	2.0 – 4.0
#3	Tan	5/16 x 3/16	4.0 – 6.3
#4	Green	9/16 x 5/16	6.3 – 11.2
#5	White	13/16 x 9/16	11.2 – 17.5
#6	Brown	1 5/8 x 13/16	17.5 – 34.1

Density: 52 Pounds/Cubic Foot  
 Packaging: 50 Bags/Pallet

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