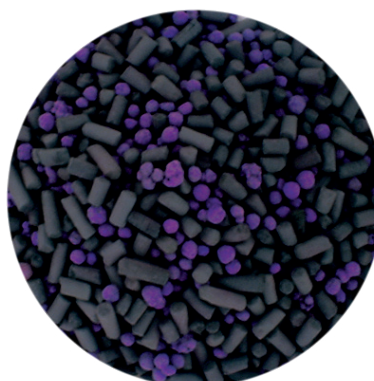




SAAFBlend WS

Product Overview

- Targets acidic gases, volatile organic compounds, relative molecular weight organics
- Accurate service life testing
- Target contaminants include:
 - Formaldehyde
 - Hydrocarbons (VOCs)
 - Hydrogen sulfide
 - Lower molecular weight aldehydes and organic acids
 - Nitric oxide
 - Nitrogen dioxide
 - Sulfur dioxide



Typical Properties

	SAAFCarb	SAAFCarb MA	SAAFoxidant
Raw Material	Virgin Coal	Impregnated Coal	Chemical
Shape	Cylindrical Pellet	Cylindrical Pellet	Sphere Pellet
Apparent Density (ASTM D2854)	0.5 g/cc (~30 lb/ft ³) ± 10%	0.6 g/cc (~40 lb/ft ³) ± 10%	0.8 g/cc (~50 lb/ft ³) ± 10%
Pellet Diameter (ASTM D2862)	4mm ± 10%	4mm ± 10%	2.83 - 5.66 mm
Total Ash Content (ASTM D2866)	< 12 wt. %	< 12 wt. %	N/A
Moisture Content (ASTM D2867)	≤ 5 wt. %	≤ 15 wt. %	≥ 15 wt. %
Crush Strength (AAF 392-800-002-4)	N/A	N/A	≥ 50N
Hardness (ASTM D3802)	≥ 95%	≥ 95%	N/A
Abrasion	< 1%	< 1%	≤ 4.5%
Iodine Number (ASTM D4607)	≥ 1000 mg/g	≥ 1000 mg/g	N/A
Gas Capacity (ASTM D6646)	N/A	0.14 - 0.16g, H ₂ S/cc media	0.08 - 0.10g H ₂ S/cc media
CTC Rating (ASTM D5742)	≥ 60 wt. %	≥ 60 wt. %	N/A
Impregnation (AAF 392-800-002-0)	N/A	≥ 6%, KOH	≥ 8%, KMnO ₄
Removal Capacity	≥ 24 wt. %, C ₄ H ₁₀	≥ 23 wt. %, H ₂ S	≥ 14 wt. %, H ₂ S

Product Information

Part Number	Media Type	Media Weight per Box (kg / lb)	Box Volume (Cubic Meter / Cubic Feet)
M403-000-013	SAAFBlend WS (33 / 33 / 33)	18.2 / 40	0.0283 / 1

*Sold in one cubic foot box packaging only.