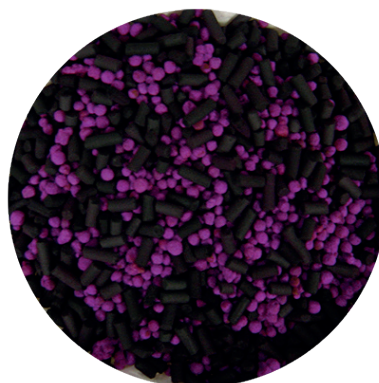




SAAFBlend CC

Product Overview

- Targets reactive compounds and Volatile Organic Compounds (VOCs)
- Suitable for use in all carbon-based air filtration systems
- Composed of SAAFCarb™ MA media and SAAFOxidant™
- Low pressure drop and high adsorptive capacity
- Provides extended equipment protection with infrequent media changeovers
- Target contaminants include:
 - Hydrogen Sulphide (H₂S)
 - Sulphur Dioxide (SO₂)
 - Nitric Oxide (NO)
 - Nitrogen Dioxide (NO₂)
 - Formaldehyde (CH₂O)
 - Hydrocarbons
 - Lower molecular weight aldehydes and organic acids



Typical Properties

	SAAFCarb MA	SAAFOxidant
Raw Material	Impregnated Coal	Chemical
Shape	Cylindrical Pellet	Sphere Pellet
Apparent Density (ASTM D2854)	0.6 g/cc (~40 lb/ft ³) ± 10%	0.8 g/cc (~50 lb/ft ³) ± 10%
Pellet Diameter (ASTM D2862)	4 mm ± 10%	2.83 - 5.66 mm
Total Ash Content (ASTM D2866)	< 12 wt. %	N/A
Moisture Content (ASTM D2867)	≤ 15 wt. %	≥ 15 wt. %
Crush Strength	N/A	≥ 50 N
Hardness (ASTM D3802)	≥ 95%	N/A
Abrasion	< 1%	≤ 4.5%
Iodine Number (ASTM D4607)	≥ 1000 mg/g	N/A
Gas Capacity (ASTM D6646)	0.14-0.16, H ₂ S/cc media	0.08-0.10, H ₂ S/cc media
CTC Rating (ASTM D5742)	≥ 60 wt. %	N/A
Impregnation	≥ 6%, KOH	≥ 8%, KMnO ₄
Removal Capacity	≥ 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)
M403-000-018	SAAFBlend CC (50 / 50)	20.0 / 44	0.0283 / 1

*Sold in one cubic foot box packaging only.