

CIGARETTE FILTERS

“ Delivering superior cigarette filtration through advanced activated carbon solutions ”

Coconut shell-based activated carbon is commonly used in cigarette filters to remove harmful contaminants from cigarette smoke while preserving its flavor and aroma. When included in filters as small granules, activated carbon cigarette filters help trap compounds in cigarette smoke that standard filters often miss, including some irritants and toxic substances.

Haycarb offers a premium range of coconut-shell-based activated carbon, specially designed for optimal adsorption in cigarette filters while meeting the strict specifications of cigarette manufacturers. Our products are effective in retaining a wide variety of vapor-phase, semi-volatile, and low molecular-weight contaminants in cigarette smoke, such as aldehydes, cyanides, ketones, hydrocarbons, and pyridine. Custom particle size distributions ensure high adsorption kinetics, while low dust and fine particles prevent filter discoloration and contamination.

Our products, trusted globally, enhance the performance of carbon filter cigarettes by effectively removing harmful substances while ensuring minimal impact on the sensory quality of the smoke. This makes them ideal for manufacturers seeking cigarette carbon filters with high adsorption capabilities and consistent quality.

TECHNICAL INFORMATION

Parameter	Value	Test Methods
Bulk Density (kg/m ³)	Min 0.48	ASTM D2854
Hardness number %	Min 98	ASTM D3802
Total Surface Area (m ² /g)	1100 - 1400	BET, Nitrogen
Iodine No (mg/g)	1100 - 1350	ASTM D4607
ASTM Particle Size*	20 x 70, 30 x 70	ASTM D2862

*Products can be customized for specific requirements

QUALITY

Haycarb's activated carbon products adhere to international food-grade standards, including the Food Chemical Codex (FCC), and are fully compliant with current tobacco ordinance requirements.



FEATURES

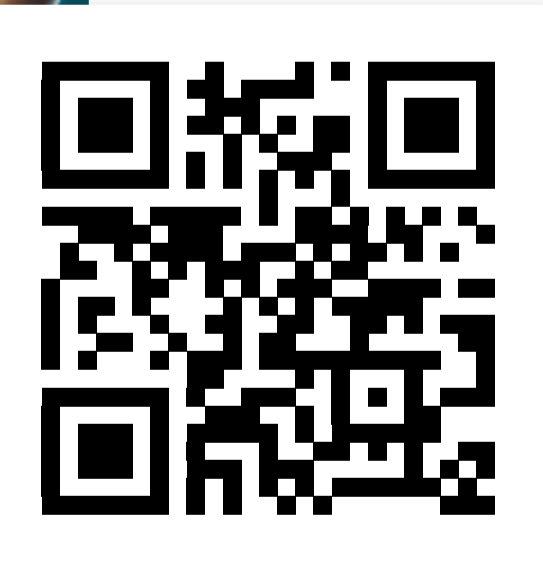
- Optimized pore structure to effectively adsorb undesirable smoke constituents.
- High adsorption and retention efficiency, making it perfect for cigarette filters.
- Preserves the flavor and aroma of smoke with optimal activity and surface area.
- Trace magnetic content ensures smooth operations during cigarette manufacturing.
- Consistent density and controlled moisture levels for reliable performance.
- Customized particle sizes to meet the specifications of cigarette filter manufacturers.



PACKAGING: Standard packaging is primarily designed to prevent the deterioration of accurately graded granules and to prevent the adsorption of moisture or atmospheric contaminants. Other packaging criteria can be accommodated upon request.

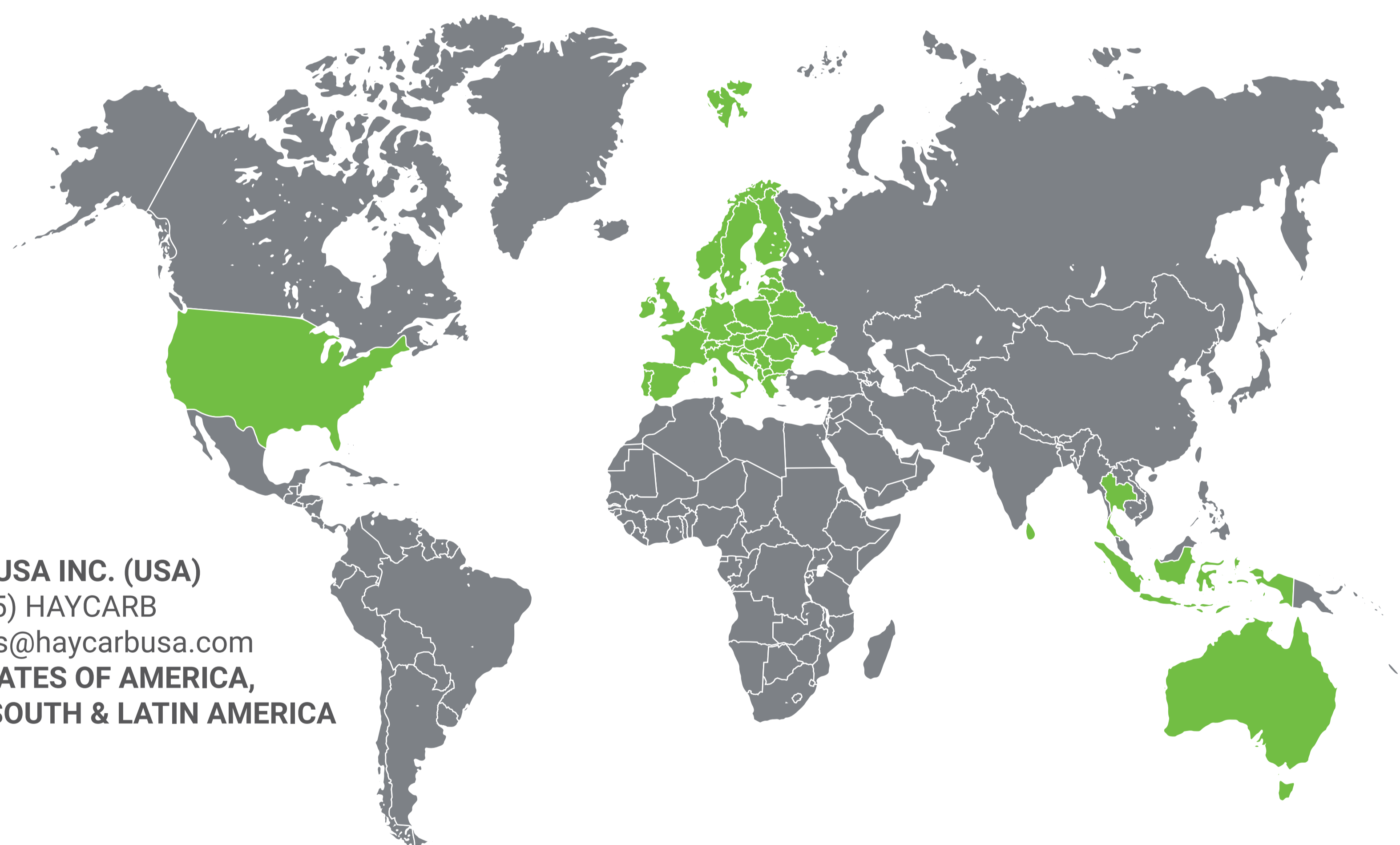
BULK BAG
Net. 500 kg

SACKS
Net. 25 kg



'ACTIVATE' Haycarb's
ESG Roadmap 2030

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