

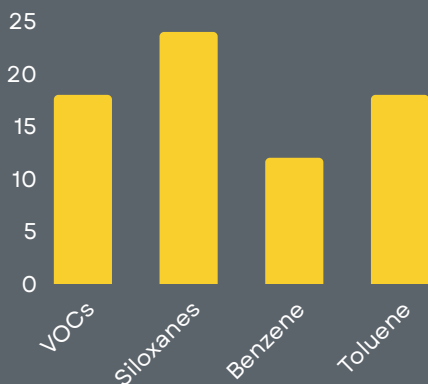


ACRUX

Filtration Media

Acrux AC is a pelletized virgin activated carbon derived from anthracite coal and thermally activated to achieve a large surface area and high gas removal capacity, featuring a 60% CTC adsorption. Acrux AC is a non-impregnated carbon pellet which is specifically designed to eliminate hydrocarbons, toluene, terpenes, and other volatile organic compounds (VOCs), along with nitrogen. In multiple-bed systems, Acrux AC serves as a refining filter targeting VOCs with high molecular weight.

Removal Capacity of Pollutants (%)



Specifications

Properties	Value	Units	Value	Units
Apparent density	450 ± 30	g/cm ³	28 ± 2	lb/ft ³
Pellet Diameter	3-4	mm		
Surface area	1052	m ² /g	5136	ft ² /lb
CTC	60			
Crush strength	> 96 %			
Moisture content	< 5%			
Ash options	12 %			
Regeneration	5 times (max)			

Operating Conditions

Parameter	Value (metric)	Value (British)
Temperature	< 50 C°	< 122 F°
Relative Humidity	<50 %	
Efficiency	99% min	
Storage	5-30 C°	41-86 F°
Shelf life	2 years	

Packaging Options

Big bags	500kg	1100 lb
Small bags	25kg	55 lb



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