

# SDGs Pelletized Carbon for Underfloor Humidity Control

Code : SDG-7

## About the product

SDG-7 is a humidity- and odor-control pellet carbon specially developed for underfloor applications. It is made from biochar derived from woody biomass power generation and enhanced with proprietary formulation. Effective against mold and odors in residential settings, SDG-7 is lightweight, non-flammable, and easy to install—making it a safe, sustainable solution for improving indoor air quality.

### FEATURES

#### Ideal for Underfloor Moisture and Odor Control

Stabilizes humidity levels and adsorbs musty or household odors, helping to improve underfloor air quality.

#### Safe and Non-Flammable

Unlike conventional charcoal, SDG-7 is difficult to ignite, making it safe for placement in residential subfloor spaces.

#### Lightweight and Easy to Handle

With a bulk density of approx. 0.44g/cc, it is easy to transport and install, even in retrofitting projects for existing homes.

#### Low Dust and High Workability

Pellet form minimizes dust generation, improving working conditions during installation..

### PRODUCT PROPERTIES

1	Shape	—	Pellet
2	Material	—	Biochar, Wood ash, Inorganic porous material
3	Iodine number	mg/g	70 <
4	Moisture content	%	20 >
5	Total ash content	%	ca.66.7
6	Surface area	m <sup>2</sup> /g	ca..80
7	Pore volume	cm <sup>3</sup> /g	ca.0.12
8	Apparent density	g/cc	ca. 0.44
9	pH	—	9-11
10	Particle size	mm	Φ4
11	Moisture absorption and release		
	(Moisture absorption: 90% RH, Moisture release: 20% RH)		
	During Moisture Absorption	%	15
12	During Moisture Release	%	5.5
	Gas Removal		
	Ammonia 100ppm	%	99 <

### APPLICATION

Moisture and odor control in residential crawl spaces  
Humidity, mold, and odor mitigation in older homes

### HEALTH AND SAFETY

Review all relevant health and safety information before using this product. For complete health and safety information, refer to the Safety Data Sheets.

**PACKING** 20kg paper bag · 700kg Jumbo bag