



## BIOFUEL: COFFEE GROUNDS

Coffee grounds is a product obtained during the production of soluble coffee in the phase of the liquid extraction of the coffee through pressure and temperature. It is, therefore, a 100% vegetal product from coffee seeds.

### properties

Coffee grounds is a material served in bulk, grounded so that a fine granulometry, yet not dusty, product is obtained. This facilitates its transport and usage, even through pneumatic systems.

Concerning the storage, it's a dry-looking material that can be stored outdoors, even though it's recommended to avoid direct rain from falling on it.

Our business guarantees the possibility of serving large quantities, up to thousands of tones annually.

A study made by BURÉS PROFESIONAL, S.S. and Escuela técnica Superior de Ingenieros de Montes de Madrid on the suitability of coffee grounds as fuel the following results were found.

PARAMETER	UNIT	VALUE
HUMIDITY MOIST WEIGHT	%	54.09
HUMIDITY DRY WEIGHT	%	117.87
UPPER DRY CALORIFIC POWER	Kcal/Kg	6323.19
	KJ/Kg	26.430.95
UPPER USUAL MOISTURE CALORIFIC POWER	Kcal/Kg	3.353.30
	KJ/Kg	14.777,54

### service conditions

1. Dump trucks will be used for the transport, of up to 24 tones per trip.
2. BURÉS PROFESIONAL, S.A., has a safety stock to maintain the service in case of accidents or technical stops of the driver.