

PRODUCT SPECIFICATION

1. Product Name : Pellet Biomasa
2. Type of Product : Clean Energy Fuel / Bahan Bakar Energi Bersih
3. Source Material : N/A (Derived from: Wood Waste, Rice Husk, Agricultural Waste)
4. Packing Style : 25 Kgs Sack + Inner Plastic

NO	PARAMETER	SPECIFICATIONS
1.	PHYSICAL / FISIK	
	Colour / Warna	Medium to Dark Brown / Cokelat Tua-Sedang
	Diameter	6 - 8 mm
	Length / Panjang	10 - 30 mm
	Bulk Density / Kerapatan Massal	600 - 750 kg/m ³
	Flavour-Odour / Rasa-Bau	Natural woody smell, Free from foreign flavour and odour
2.	TECHNICAL DATA / DATA TEKNIS	
	Gross Calorific Value (GCV)	[cite: 4200 - 4800] kcal/kg
	Net Calorific Value (NCV)	[cite: 3800 - 4400] kcal/kg
	Burning Efficiency / Efisiensi Pembakaran	High and Stable
3.	CHEMICAL / KIMIA	
	Moisture Content / Kadar Air	< 10% MAXIMUM (from input)
	Ash Content / Kadar Abu	< 3% MAXIMUM
	Volatile Matter / Bahan Menguap	70% - 80%
	Volatile Matter / Bahan Menguap	70% - 80%
	Sulfur Content	< 0.1% MAXIMUM
4.	OPERATIONAL & ENVIRONMENTAL	
	Flame Stability / Stabilitas Nyala Api	Stable
	Burning Emissions / Emisi Pembakaran	Clean and Low
	Ash Character / Karakter Abu	Low and Non-Clinkering
5.	INGREDIENT LIST / DAFTAR BAHAN	
	Ingredient List	100% Lignocellulosic Biomass Mix (Derived from Wood Waste, Rice Husk, and Agricultural Waste).