



TECHNICAL DATA SHEET

OAK WOOD PELLETS

ASSORTMENT DESCRIPTION:

CATEGORY	oak wood pellets chemically untreated by-products and residues from the wood processing industry
DIAMETER	$6 \pm 1\text{ mm}$
LENGTH	$3.15 \leq L \leq 40\text{ mm}$
MOISTURE	$\leq 10\text{ w-\%}_{ar}$
ASH	$\leq 0.6\text{ w-\%}_d$
MECHANICAL DURABILITY	$\geq 98.0\text{ w-\%}_{ar}$
FINES (< 3.15 MM)	$\leq 0.5\% / \leq 1.0\% ^1\text{ w-\%}_{ar}$
NET CALORIFIC VALUE	$\geq 16.5\text{ MJ/kg}_{ar}$ $\geq 4.6\text{ kWh/kg}_{ar}$
BULK DENSITY	$600 \leq BD \leq 750\text{ kg/m}^3_{ar}$
NITROGEN	$\leq 0.3\text{ w-\%}_d$

SULFUR	$\leq 0.04\text{ w-\%}_d$
CHLORINE	$\leq 0.02\text{ w-\%}_d$
ASH DEFORMATION TEMPERATURE DT ^{2,3}	$\geq 1200\text{ }^\circ\text{C}$
ARSENIC	$\leq 1\text{ mg/kg}_d$
CADMIUM	$\leq 0.5\text{ mg/kg}_d$
CHROMIUM	$\leq 10\text{ mg/kg}_d$
COPPER	$\leq 10\text{ mg/kg}_d$
LEAD	$\leq 10\text{ mg/kg}_d$
MERCURY	$\leq 0.1\text{ mg/kg}_d$
NICKEL	$\leq 10\text{ mg/kg}_d$
ZINC	$\leq 100\text{ mg/kg}_d$
CERTIFICATIONS	DINplus®

_d dry

_{ar} as received

1. "At the factory gate", last loading before delivering to end-user ($\leq 0.5\%$ small bags up to 20 kg; $\leq 1\%$ large sacks and bulk ware).
2. Characteristic ash melting temperature determined in an oxidizing atmosphere.
3. Ash received at 815°C.



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