

INTRODUCTION OF VIET NAM WOOD PELLETS FOR EUROPEAN MARKETS

Vietnam has become the second largest exporter of pellets in the world after United States. In 2021, Vietnam exported over 3.5 million tons, achieving an export turnover of approximately USD 400 million. The volume of pellets exported to Korea accounted for 56% and Japan accounted for 43.8%.



We, NomuraTrading VN Co., LTD. offer Viet Nam wood pellets as sustainable green energy which response to the Worlds' Increased demand on reducing CO2 to reach net zero emissions by 2050.

Our wood pellets can be produced with a low humidity content (below 10%) that allows them to be burned with a very high combustion efficiency.

Our wood pellets are made from compacted sawdust, wood shavings, wood chips and wood logs, mainly use for industrial boilers and Biomass Combined Heat & Power (CHP) System.



Their high density also permits compact storage and rational transport over long distance.

- Material & tree species: Rubber and Acacia
- Loading port for container & bulk vessel: Cat Lai, SP ITC, Cai Mep, Nghi Son, Cai Lan, Nam Van Phong, Quy Nhon
- Packing: Loose packing into 20' DC, jumbo bag packing into 40' HC and bulk vessel

We assure that our raw materials are sustainable compliance and certified sources while ensuring safe and healthy working environment for all. We can provide FSC, SBP, PEFC as a response to the Korean, Japanese as well as European Union's document requirement.



WOOD PELLET SPECIFICATION

Item	Unit	Standard	Limit	Tolerance
Physical parameters				
Diameter	mm,arb	ISO 17829	6 to 10	Within range
Lengths ≤50 mm	weight%,arb	ISO 17829	≥99.00%	Within range
Lengths ≤40 mm	weight%,arb	ISO 17829	≥99.00%	Within range
Water content	weight%,arb	ISO 18134	< 10%	0.5% absolute
Bulk (apparent) density	kg/m ³ ,arb	ISO 17828	≥600	2% of limit
Max_ bulk temperature	°C		≤60	1 degree Celsius
Net calorific value at constant pressure	GJ/MT,arb	ISO 18125	≥16.5	Within range
Ash content	weight%,db	ISO 18122	≤2.0%	Within range
Ash Fusion Deformation	°C	ISO 21404	≥1,250	Within range
Elementary composition				
Cl	weight% db	ISO 16994	< 0.05%	0.01% absolute
N	weight% db	ISO 16948	≤0.5%	10% of limit
S	weight%,db	ISO 16994	≤0.05%	Within range
Trace elements				
As	mg/kg,db	ISO 16968	≤2	0.064 absolute
Cd	mg/kg,db	ISO 16968	≤ 1	0.064 absolute
Cr	mg/kg,db	ISO 16968	≤ 15	0.032 absolute
Cu	mg/kg,db	ISO 16968	≤20	0.043 absolute
Pb	mg/kg,db	ISO 16968	≤20	0.033 absolute
Hg	mg/kg,db	ISO 16968	≤0.1	0.0046 absolute
Zn	mg/kg,db	ISO 16968	≤200	5.43 absolute
Fines ≤3.15 mm (round-hole sieves)	weight%,arb	ISO 18846	≤3 %	1% absolute
Durability	weight%,arb	ISO 17831-1	≥97.0%	Within range
Particle size distribution (square hole sieves)				
% < 3.15 mm	weight%,arb	ISO 17830	>98%	Within range
% < 2.0 mm	weight%,arb	ISO 17830	>90%	Within range
% < 1.0 mm	weight%,arb	ISO 17830	>50%	Within range

Remarks:

"arb" is an acronym for "as received basis"

"db" is an acronym for "dry basis"