**Refuse Derived Fuel (RDF) Specifications**

|  |  |  |  |
| --- | --- | --- | --- |
| **Determined** | **Units** | **HTL RDF** | **Method** |
| Bulk Density | Kg/m³ | 214 | WI 3008 |
| Gross CV | KJ/Kg | 16261 | WI 3015 |
| Net CV | KJ/Kg | 14757 | WI 3015 |
| Moisture | % w/w | 11.7 | WI 3013 |
| Ash | % w/w | 11.5 | WI 3014 |
| Chlorine | % w/w | 0.12 | WI 3016 |
| Fluoride | mg/Kg | 0.05 | WI 3016 |
| Bromide | mg/Kg | <0.01 | WI 3016 |
| Iodide | mg/Kg | <0.01 | WI 3016 |
| Sulphur | % w/w | 0.4 | WI 3016 |
| Hydrogen | % w/w | 5.7 | WI 3020 |
| Carbon | % w/w | 39.9 | WI 3020 |
| Nitrogen | % w/w | 1.0 | WI 3020 |
| Mercury | mg/Kg | <1 | ICP-OES |
| Cadmium | mg/Kg | <1 | ICP-OES |
| Thallium | mg/Kg | <1 | ICP-OES |
| Antimony | mg/Kg | 21 | ICP-OES |
| Arsenic | mg/Kg | <1 | ICP-OES |
| Chromium | mg/Kg | 29 | ICP-OES |
| Cobalt | mg/Kg | <1 | ICP-OES |
| Copper | mg/Kg | 286 | ICP-OES |
| Lead | mg/Kg | 50 | ICP-OES |
| Manganese | mg/Kg | 42 | ICP-OES |
| Nickel | mg/Kg | <1 | ICP-OES |
| Tin | mg/Kg | <1 | ICP-OES |
| Selenium | mg/Kg | <1 | ICP-OES |
| Vanadium | mg/Kg | <1 | ICP-OES |
| Biomass Content by CV | % | 57.9 | WI 3008 |

* + Shred size: max 300 mm
	+ non-homogeneous - weights: 300 - 500 Kg per cubic meter;
	+ Packing: 1 – 1.2 tonne bales approx. 1100 mm x 1100 mm x 1400 mm (H x W x L). Wrapped and secured with plastic wrapping.
	+ Minimum order from 1,000 tonnes per month
	+ 40 ft containers having loads of 27 tonnes.

AK Enterprises confirms that they are authorised by its national law to export Refuse Derived Fuel. AK Enterprises confirms that it is legally authorised to enter in to a sales contracts and will hold all information provided by buyers in confidence.