



REQUIREMENT FOR WOODCHIP PRODUCTS

Type of biofuel	Moisture, % of gross weight	Ash content, % of dry matter	Fraction size				Raw material	Allowable admixtures
			Allowable quantity of the small particles fraction (<3,15mm), %	Main fraction mm, (min. quantity %)	Large fraction (max cross-section 6cm ²), mm, (max quantity, %)	Maximum allowable length, mm		
Woodships SM1	20-45	2	Up to 2%	3.15≤P≤63 (min 80%)	>100 (up to 10% of weight)	<150	Stem wood (broad-leaved trees, coniferous trees, mixed)	
Woodships SM1W	35-55	2	Up to 5%	3.15≤P≤63 (min 80%)	>100 up to 10% of weight)	<150	Stem wood (broad-leaved trees, coniferous trees, mixed), half logs, timber offcuts	
Woodships SM2	35-55	3	Up to 10%	3.15≤P≤63 (min 70%)	>100 (up to 10% of weight)	<150	Stem wood (broad-leaved trees, coniferous trees, mixed), half logs, timber offcuts, sawdust and shavings (quantity subject to limitation), whole trees without roots, Logging residues (tree stumps)	Dry leaves, dry needles not exceeding allowable quantity of the small particles fraction
Woodships SM3	35-60	5	Up to 25%	3.15≤P≤63 (min 60%)	>100 (up to 10% of weight)	<150	Stem wood (broad-leaved trees, coniferous trees, mixed), half logs, timber offcuts, sawdust and shavings (quantity subject to limitation), whole trees without roots, logging residues (tree stumps, tops, branches, bushes, stems of small trees, offcuts, non-forest wood)	Dry leaves, dry needles not exceeding allowable quantity of the small particles fraction

Additional notes:

- In case of disputes as to whether the leaves and/or needles present in the delivered biomass are dry or not, the dispute shall be settled by analysing chlorine content at a laboratory
- The supplied biofuels must not contain soil, stones, sand, salt, green needles, metal products, plastic, glass, various origins of rope and other admixtures as well as items that negatively affect the fuel machinery of storage, transportation and burning.
- In case of a dispute concerning the compliance of delivered biomass with the fraction size requirements, the fraction distribution test shall be performed by means of sieves according to the requirements of LST EN ISO 17827-1. The main fraction quantity shall be determined based on the biomass quantity that goes through the 63 mm sieve. The small particles fraction quantity shall be determined based on the biomass quantity that goes through the 3.15 mm sieve.
- Chemically treated wood may not be used as a raw material for any one product.
- The supplied biofuels is subject to the requirement Cs-137 amount, indicated, in the Lithuanian Hygiene Standard HN 73:2001. Basic Standards of Radiation Safety. If the seller fails to comply with the above mentioned requirement and the buyer suffers additional costs related with the ash clean-up, the seller shall cover these additional costs.