



ÖNORM M7 133

Woodchips for energy generation: quality and testing requirements from the Austrian Standards Institute

Size classification

Chip designation	<4% of particles	<20% of particles	60 - 100% of particles	<20% of particles	Max. area cm ²	Max. length cm
G30	<1 mm	1 - 3 mm	3 - 16 mm	>16 mm	3	8.5
G50	<1 mm	1 - 6 mm	6 - 32 mm	>32 mm	5	12
G100	<1 mm	1 - 11 mm	11 - 63 mm	>63 mm	10	25
G120	<1 mm	1 - 63 mm	63 - 100 mm	>100 mm	12	30
G150	<1 mm	1 - 100 mm	100 - 130 mm	>130 mm	15	40

Moisture content classification

Quality class designation	Moisture content (wet basis)	Description
W20	<20%	Air dry
W30	20% - 30%	Storable
W35	30% - 35%	Storable within limits
W40	35% - 40%	Wet
W50	40% - 50%	Green (freshly harvested)

Material density classification

Chip designation	Material density in kg/m ³	Density definition
S160	<160	Low
S200	160 - 250	Medium
S250	>250	High

Ash content classification

Chip designation	Ash content as % of fuel weight	Ash content definition
A1	<1%	Low
A2	>1%	High

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