

LINN HIGH THERM GMBH
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QUESTIONNAIRE FOR MICROWAVE DRYING

C U S T O M E R: Company: _____
 Contact Person: _____
 Department: _____
 Street: _____
 City: _____
 Country: _____
 Phone: _____ Fax: _____
 www. _____ e-mail: _____

Quotation can not be prepared without having technical data inside the bordered parts.

A) Intended APPLICATION:

Continuous operation: <input type="radio"/>	Material throughput [kg/h]: _____
Batch/Charge operation: <input type="radio"/>	Min. Chamber volume [m ³]: _____
	Weight of Charges [kg]: _____
	Chargen per hours [1/h]: _____

Humidity	before heating of the material [%]	_____
	After heating of the material [%]	_____

Research & Development: Production:

B) MATERIAL DESCRIPTION

Material, chem. name: _____	
solid <input type="radio"/>	Dimensions: _____
or liquid <input type="radio"/>	Density [g/cm ³]: _____
or powdery <input type="radio"/>	Bulk density [kg/l]: _____

Specific heating capacity [kJ/(kg·K)]: _____

Max. permitted temperature of the material [°C] _____

Rel. Dielectricity number: _____ Loss factor tan δ : _____

C) FURNACE ATMOSPHERE

Does material release harmful aggressive gases/vapours?

no yes if yes which

Ventilation: no

yes

Protective gas feeding: no

yes, gas _____

Over pressure: no

yes, rate _____

Vacuum required no

yes how many mbar _____ cold
how many mbar _____ warm

Afterburning/burning off waste gas:

no

yes

D):

Description of process: _____

E) CONTROL

Adjustment of MW-power: manual with controller

If controller is required, please indicate.

Which physical size shall determine control?

Temperature

Time

other: _____

F) AVAILABLE INSTALLATION AT CUSTOMER'S

mains 230 V, 1 phase, N, PE

mains 400 V, 3 phases, N, PE

mains 220 V, 3 phases, N, PE

other voltage, if yes which _____

fluctuations in the mains voltage: increasing _____ decreasing _____

If technical datas about the material are available, please sent it together with the questionnaire.

Date:

Signature: