

# 3049-5-A03-00-TS-001

## Glass Wool Production Line Water - Technical Specification

Rev	Description	Edited	Check	Iss'd	Appr'd	Date
00	Revision 0	BER	BER	Exec	MLG	14/10/20
01						
02						
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## 1. TAP WATER

Tap water is used to prepare binder solution, for fiber forming system washing, for tank refill and to feed equipment cooling

Tap water must have the following specifications.

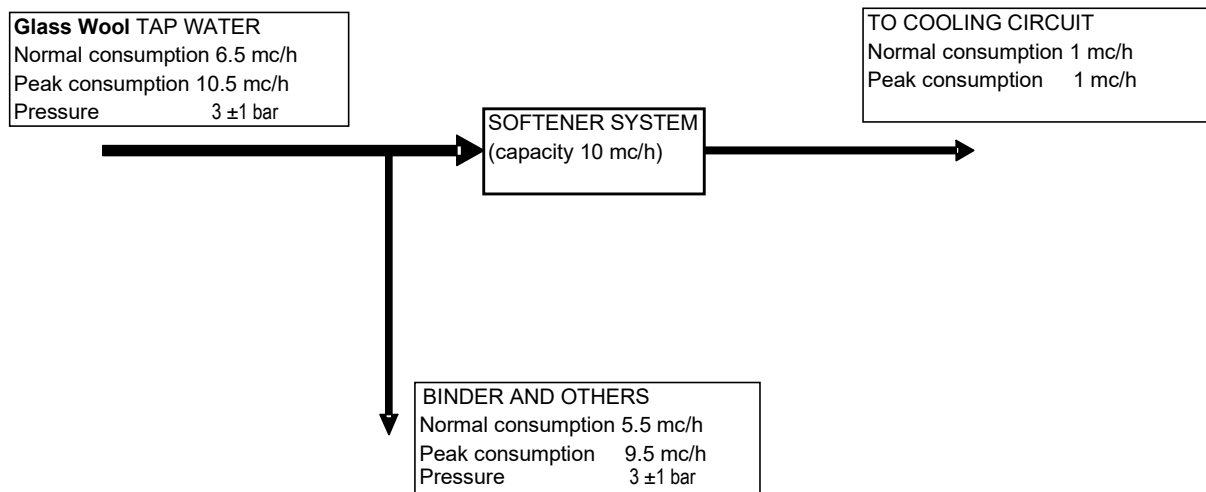
Temperature < 30 °C

No impurities

Expected normal consumption 6.5 Nm<sup>3</sup>/h

Peak consumption 10.5 Nm<sup>3</sup>/h

Pressure, 3 ±1 bar



### Notes:

- See 3049-5-XX0-00-PI-920 for take over points detail
- Cullet chutes circuit evaporation consumption only when used
- Factory washing water: to be calculated by customer

## **2. DEMINERALIZED WATER**

Demineralized water is used in the closed cooling water circuit to guarantee properly function of the circuit.

At demineralizing system outlet water must have the following specifications:

Appearance	pure, clear, without persistent foam.
Size particulate	< 0.03 mm
Organic substance	< 1 ppm
Particulate q.ty	< 3 g/m <sup>3</sup>
S0 <sub>4</sub>	< 6 g/m <sup>3</sup>
Mn0 <sub>4</sub>	< 3 g/m <sup>3</sup>
KCl + NaCl	< 6 g/m <sup>3</sup>
CaO	< 2 g/m <sup>3</sup>
Fe <sub>2</sub> O <sub>3</sub> + Feo	< 10 g/m <sup>3</sup>
PH	6 ÷ 7,5

Note:

- Check also Fe concentration in the circuit water, considerable increase of Fe concentration may be caused by steel corrosion.
- Water characteristics obtained by osmosis