

**PRODUCT SPECIFICATION**

Name of the process:

**VITROLIQ S – 155**  
(Previously name: R-155)  
Sodium silicates water solution

Number of process :

**4**

Index

**ZI/P-4/R-155****1. Product properties****a) Apperance:**

Faintly opalescent liquid without smell

**b) Chemical properties**

Water solution of sodium silicates with following parameters:

- Molar ratio  $2,27 \pm 0,1$
- Weight ratio  $2,2 \pm 0,1$
- Oxides  $45,0 \pm 1\% \text{ w/w}$

Additional parameters (not critical):

- Density (at 20°C)  $1,52 - 1,59 \text{ g/cm}^3$
- Total content of Al<sub>2</sub>O<sub>3</sub>, Fe<sub>2</sub>O<sub>3</sub>, MgO, CaO max 0,3% w/w

Valid with polish version only