

**PRODUCT SPECIFICATION**Name of the process:**VITROLIQ S – 153**  
(Previously name: R-153)  
Sodium silicates water solutionNumber of process :**4**Index**ZI/P-4/R-153****1. Product properties****a) Apperance:**

Faintly opalescent liquid without smell

**b) Chemical properties**

Water solution of sodium silicates with following parameters:

- Molar ratio  $2,0 \pm 0,1$
- Weight ratio  $1,93 \pm 0,1$
- Density (at 20°C)  $1,527 \pm 0,05 \text{ g/cm}^3$   
(at 15°C)  $1,530 \pm 0,05 \text{ g/cm}^3$
- Oxides  $44,0 \pm 2,0\% \text{ w/w}$
- pH  $11,2 - 11,8$

Valid with polish version only