



LITHOPIX P 26

Hardener for water glass

Chemical basis

Aluminium phosphate

Characteristics

Appearance	white powder
Solubility	water-insoluble
Bulk density	approx. 800 g/l
pH (1%)	approx. 3
P ₂ O ₅ content	approx. 62%
Al ₂ O ₃ content	approx. 36%

Shelf-life / Packaging

24 months when stored properly and dry in closed containers | bags of 25 kg

Application

LITHOPIX P 26 is a hardener for water glass, which slowly hydrolyses in water glasses in alkaline medium. Here silicic acid is precipitated out in a controlled and irreversible manner, which leads to the hardening of the body.

LITHOPIX P 26 is particularly suitable for hardening water glasses with a SiO₂ : Na₂O ratio of approx. 2:1.

The processing time for the body is one to two hours depending on the composition and temperature. Hardening is complete in approx. 24 hours.

The amount added is approx. 20 to 40% of the amount of water glass used.

