

SOLVITOSE PLV



AVEBE B.A.
Industrial Specialties
Glass Fibres

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Scope

Description SOLVITOSE PLV is a pregelatinized quaternary cationic potato starch ether

Appearance Off-white flakes

Requirements

Moisture content 70 ... 150 mg/g

Degree of substitution (DS) 0.033 ... 0.037 mol/mol

Viscosity 150 ... 450 mPa.s

pH 7.0 ... 9.5

Conductivity $\leq 600 \mu\text{S}\cdot\text{cm}^{-1}$

Test methods

Moisture content ISO 1666

Degree of substitution (DS) After washing the nitrogen content is determined according to the Kjeldahl method. The degree of substitution (DS) is calculated as: $DS = (162 \times N) / (14000 - 151.5 \times N)$
The nitrogen content N in mg/g on dry substance

Viscosity Concentration : 20 g product in 480 g distilled water
Stirring : at $n = 300 \text{ min}^{-1}$ for 30 minutes with an 8-holes blade stirrer
Measuring temp. : 20°
Viscosity meter : Brookfield LVF; spindle 1, $n = 12 \text{ min}^{-1}$

pH The solution obtained with the viscosity test is measured.

Conductivity The solution obtained with the viscosity test is measured

Storage

Store inside, cool and dry, in sound and well closed bags.
Recommended storage time not longer than 3 years.

Für den Inhalt - gerade bei Produkt-Anpassungen durch den Hersteller - übernehmen wir keine Gewähr