

TECHNICAL DATA SHEET

Trade name	Ligno
Chemical name	Sodium Salt of Lignosulphonic Acid
Application	Industrial use, concrete and cement mortar plasticizer and fluidizer

General Properties

<i>Property</i>	<i>Value</i>	<i>Test method</i>
Appearance	brown to dark brown powder	visual
Odor	weak, characteristic	visual
Dry matter, % min	92	EN 480-8
pH of 2.5% solution	6-9	ISO 4316
Mass fraction of reducing substances in terms of dry substance, %, max	6	Manufacturer`s method
Sulfates in 100% dry content, % max	4.0	EN 196-2
Chlorides in dry content, % max	0,1	EN 480-10
Mass fraction of insoluble substances in recalculation to dry substance, %, max	0,3	Manufacturer`s method

Packaging	Polypropylene Big bags 640 kg/ bags 20 kg
Storage	Keep container tightly closed in a dry and well-ventilated place. Storage period: 12 months from the date of production.
Transport requirements	Limitations resulting from ADR, RID and IMDG regulations do not apply. Any means of transport can be used. No special precautions are required.

The information contained herein is presented in good faith and to the best of our current knowledge and experience. The compliance of specific properties of the supplied product with the data given herein and its fitness for the intended purpose should be verified before the product is applied. Producer reserves the right to modify the information presented herein as a result of technological development and improvement of the product.