



Filter Aid

Technical Information

Version 2010-04-29

Product: Filter Aid: **Novocel 300**

Article No.: 147112

Composition: The filter aid Novocel 300, a loose filter aid, is a mixture of highly purified, bleached cellulose, kieselguhr and perlites.

Physical Properties:	Denomination	Specification		
		min.	max.	
	Spec. Dry Bulk Density (w/o tapping)	kg/L	0.12	0.14
	Spec. Dry Bulk Density (with tapping)	kg/L	0.17	0.19
	Wet Density	kg/L	0.25	0.26
	Permeability	L/m ² *min	63	75
	Moisture (at 105 °C)	%		2.5
	Loss at Incineration (at 700 °C)	%	67	70
	pH-Value (10% in water)		6	8
	Appearance		white powder	
	Odour / Taste		neutral	

Chemical Properties:	Lead	ppm		1
	Heavy Metals, Total Content	ppm		10
	Iron, soluble	ppm		150
	Arsenic	ppm		5
	Calcium	ppm	200	300

Application: Novocel 300 filter aid is specially designed for the requirements of the beverage industry, as well as the chemical and pharmaceutical sectors. It is mainly used for the second precoat and continuous dosage in alluvium filters. Novocel 300 is recommended for the filtration of liquids, where a high adsorption is required. The recommended dosage for the second precoat is 800 to 1000 g/m² filter area. For the body feed replace 10 to 30 % of the normally used kieselguhr. Due to its high content of cellulose fibers, an elastic filter cake is achieved, which gives a protection against eventual pressure shocks. The coating with Novocel 200 can be cleaned from the filter very easily, thus the filter unit can be prepared quickly for further filtrations.

Packaging: Bags of 20 kg or Euro-pallets of 660 kg

All information given in this paper are up-to-date at the time of publishing. However, each enduser is requested to check the suitability of their products with the types of filtration mentioned in this leaflet. It is not necessarily complete.