

PANK

LISÄAINEET, KUIDUN TASA- LAATUISUUS (immopiste)

PÄÄLLYSTEALAN NEUVOTTELUKUNTA

Hyväksytty: 7.9.1999
Korvaa menetelmän: TIE 327

1. MENETELMÄN TARKOITUS

Kuidun tasalaatuisuus (immopiste) määritetään oheisen liitteen mukaisen menetelmän mukaan.

METHOD OF ANALYSIS

for deciphering the immobilisation point of ARBOCEL cellulose fibres

Equipment:

- 250 ml beaker (diameter 70 mm)
- Schwan Stabilopoint 88 felt tip pen (length 175 mm, diameter 6 mm, weight approx. 5 - 6 g)
- scale (reading to 0,01 g exactly)
- Should the occasion arise Tensid (e. g. washing up agent)

Experimental method:

One 250 ml glass beaker is placed on the scales and filled with 200,00 g of water. Afterwards place the felt tip pen in the beaker glass and set the scales to zero.

Then the material to be tested is put into the beaker bit by bit.

The suspension is then stirred repeatedly with the felt tip pen, in order to disperse agglomerations of single fibres.

Enough material should be added until, after several stirrings, the felt tip pen remains standing in the suspension, when one lets go of it.

During mixing the following must be followed:

1. The felt tip pen should be held just short of the base of the beaker.
2. After every third stir rotation the way of stirring should be changed.

The immobilisation point is then reached, when the felt tip pen does not fall over even when tapped gently.

To control whether the pen really does stay up, should be tested in the same suspension at least two to three times, in order to avoid possible mistakes such as the build up of layers between the felt pen and the wall of the beaker.

Observations:

In heavily wettable products (e. g. ARBOCEL ZZ 8-1, ARBOCEL II 8-2, ARBOCEL BSCH 200 D and similar types) the procedure is altered; firstly about 0,5 g Tensid is added into the empty beaker and then filled with water up to 200,00 g.

Formula:

$$\frac{\text{amount of added material in g} \times 100 \%}{200,00 \text{ g water}} = \text{immobilisation point in \%}$$

The above data are based on our practical knowledge and experience and shall inform about our products and their applications. Because of the different materials and working processes, we recommend in each case sufficient tests by your own or on consultation with us. You cannot derive any liability from these indications.



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