

Technical Data Sheet

Mikolit 00



Product description:

Clay pellets with low swelling capacity to produce waterproof sealings. Preferred application for the completion of boreholes drilled with dry drilling methods.



Product characteristics:

Appearance:	Clay pellets	
Dimension (length):	5-10	mm
Bulk density:	1,0	g/cm ³
Coefficient of permeability k_f :	$< 1 \times 10^{-9}$	m/s
Sinking speed (water):	20	m/min
Structural stability:	2-3	class
Gamma ray activity:	approx. 50	API

Determinations of requirements:

1. Borehole backfill:

$$\text{Borehole diameter}^2[\text{dm}] \times 7,85 \rightarrow \text{Mikolit 00} [\text{kg/m}]$$

2. Annular sealing:

$$(\text{Borehole diameter}^2[\text{dm}] - \text{casing diameter}^2[\text{dm}]) \times 7,85 \rightarrow \text{Mikolit 00} [\text{kg/m}]$$

Form of delivery:

Mikolit 00 is available in 25 kg plastic bags and 1 t big bags