



Big bags 1000 kg



Bags 25 kg



Pellet length 7 – 12 mm



Swelling capacity 30 – 40%

Quantity needed (kg/m)

Bore-hole (mm) ▶

	00	100	125	150	200	250	300	400	500	600
0	0	9	13	19	34	54	77	137	215	309
50		6	11	17	32	51	75	135	212	307
100			5	11	26	45	69	129	206	300
125				6	21	40	64	124	201	295
160					12	32	55	115	193	287
200						19	43	103	180	175
250							24	84	161	255
315								52	129	224
400									77	172
										94

Bore/Casing (mm)

TECHNICAL DATA

Mikolit®

00

In the Mikolit® product range Mikolit® 00 is the basic quality. The swelling capacity is more than sufficient to fill out the spaces between the pellets. After water absorption a water-saturated, slightly slack clay layer appears. The quality 00 has excellent bulk properties, thanks to the fact that the product is free of dust, has decelerated swelling and favourable pellet size. Mikolit® 00 is also very much suitable for applications in tubing drilling because no adhesion occurs between the drill tube and the sealing clay. It is recommended to apply a support layer, consisting of medium coarse to coarse sand, on interfaces between clay pellets and very coarse sand or gravel.

Product name:	Mikolit® 00
Pellet colour:	Brown / grey
Pellet size:	Ø ± 8 mm, length 7 – 12 mm
Packaging:	Bags 25 kg / big bags 1000 kg
Sinking speed in water:	21 m/min
Density water saturated:	1,8 t/m ³
Bulk density:	1,1 t/m ³
Start of swelling:	15 min
Swelling capacity:	30 – 40% ¹⁾
Permeability:	< 10 ⁻¹⁰ m/s
Swelling pressure:	3,5 kN/m ²
γ-radiation:	80 – 105 API

¹⁾ Free swelling in beaker, using DI Water, additional to pore volume.

kiwa
approved



KIWA QUALITY

BRL KO-265 cert. nr. K58346

Mikolit® products are distributed by:



MGS Europe GmbH
Brüsseler Allee 21c
41812 Erkelenz
Germany

Tel + 49(0) 2431 945762
info@mgs-europe.de
www.mgs-europe.de

The producer retains the right to change specifications or combination of the products without further notice.