



Big bags 1000 kg



Bags 25 kg



Pellet length 7 – 12 mm



Swelling capacity 50 – 70%

TECHNICAL DATA

Mikolit®

300

In the Mikolit® product-range Mikolit® 300 is the middle quality and it is suitable for nearly all applications. After the spaces between the grains have been filled up, a wide degree of swelling capacity remains, which means that, in case of damaging, the clay layer will repair itself. The introduced clay layer is not water saturated and therefore is a rather fixed clay layer. Quality 300 has excellent sinking quality's, due to the fact that the product is free of dust, it has a strongly slowed down start of swelling and it has favourable grain dimensions. The chosen raw materials make the product very little adhesive to casings, which makes the product very arranged for drillings with temporary casings. It is recommended to bring in some coarse sand at the level where there is a connection between the Mikolit® 300 and gravel. Also in salty water enough swelling remains to insure a good sealing.

Product name:	Mikolit® 300
Pellet color:	Brown / grey
Pellet size:	Ø ± 8 mm, length 7 – 12 mm
Package:	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:	50 – 70% ¹⁾
Permeability:	< 10 ⁻¹¹ m/s
Swelling pressure:	9 kN/m ²
γ-ray:	80 – 105 API

¹⁾ Free swelling in goblet glass in dem. water, additional to pore volume.

Quantity needed (kg/m)

Boorgatdiameter (mm) ▶

	300	100	125	150	200	250	300	400	500	600
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	
500									94	

Distributed by:

Mikolit®-products are produced by:



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The producer remains the right to change specifications of the products without further acknowledgement.