

## PRODUCT SHEET

**Title** MIDOL®  
Micronized dolomite series "SUPER"

**Standard** TU 5716-007-40705684-2003

**Grades** MIDOL® 30-98 | 20-98 | 10-98 | 07-98  
03-98 | 01-98

**Manufacture** GEOKOM, Russia, Kaluga region,  
set. Polotnyaniy Zavod, st. Slobodka, 111,  
tel/fax + 748434 46006, 44816, 44817

**Product description** grainy or fine dry powder of the white color

**Mineral formula** crystalline calcium-magnesium carbonate /  
dolomite / - CaMg (CO<sub>3</sub>)<sub>2</sub>

### Chemical formula

MgO 21÷23%

CaO 30÷32%

Fe<sub>2</sub>O<sub>3</sub> 0,05÷0,1%

Al<sub>2</sub>O<sub>3</sub> 0,02÷0,1%

SiO<sub>2</sub> < 0,5%

Water-soluble salts < 0,3%

### Physical and other parameters

Density, g/cm<sup>3</sup> 2,85÷2,90

Hardness (Mohs) 3,5÷4,0

Refractive Index 1,6

PH indicator 9,5÷10,5

Humidity <0,2

#### Packaging:

- polypropylene containers with polyethylene liners 250-1000 kg each;
- paper valve bags of 10-50 kg on pallets (up to 1200 kg) using transport protection materials.





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### Typical technological quality parameters dolomite MIDOL® series «SUPER»

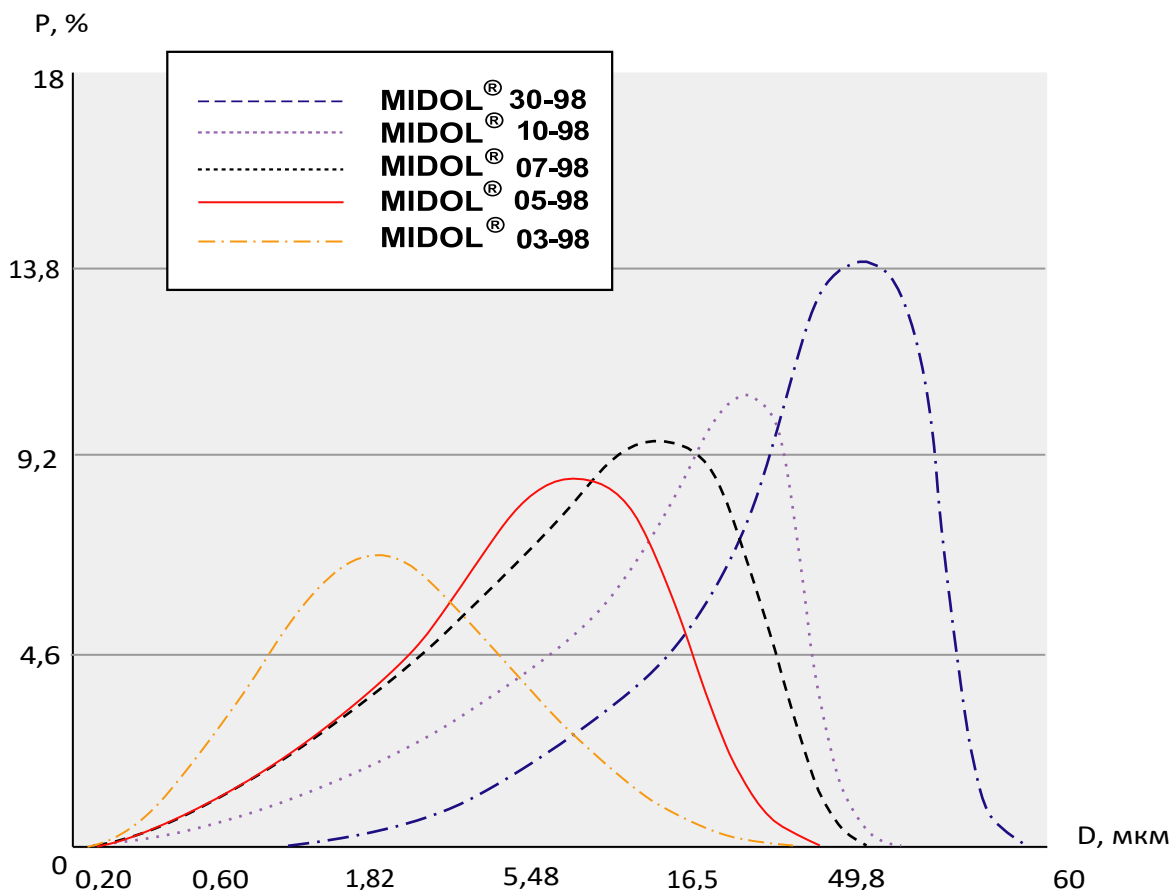
Parameters	MIDOL®						
	30-98	20-98	10-98	07-98	05-98	03-98	01-98
Chromatic preferences:							
whiteness CIELab (ISO 787/1, C / 2 °),%	98	98	98,5	98,5	98,5	98,5	98,5
lightness (L) by CIELab,%	98,5	98,5	99	99	99	99	99
brightness DIN 53163 (Ry, C / 2 °),%	96	96	98	98	98	98	98
Yellowness ASTM D1925-70 (C / 2 °),%	3	3	2,5	2,5	2,5	2,5	2,5
brightness ISO 2470 (R457),%	95	95	96	96	96	96	96
whiteness ISO 11475 (D65 / 10e),%	90	90	93	93	93	93	93
Mass fraction of residue on sieve N0045 (ISO 787/5),%	5	2	0,2	0,1	0,03	0,01	0,00
Mass fraction of particles with an equivalent sphere diameter,%, size (Microsizer-201A):							
Less 20 µm	15	25	80	88	95		
Less 15 µm	10	20	65	75	90	95	
Less 10 µm	5	15	50	60	75	85	96
Less 5 µm			30	45	50	70	93
Less 2 µm			15	20	30	40	55
Median particle diameter, µm (Microsizer-201A):							
medium (D <sub>50</sub> )	30	20	10	7	5	3	1,7
maximum (D <sub>98</sub> )	60	45	33	28	22	16	10
minimum (D <sub>10</sub> )	6	5	1,8	1,3	1	0,9	0,8
Oil absorption (ISO 787/5), g / 100 g	13	13	16	17	20	23	25
DOP absorption, g / 100g	17	17	21	22	27	28	32
Density (ISO 787/11), g / cm <sup>3</sup>							
after packing	1,1÷1,2	1,1÷1,2	1,0÷1,1	0,8÷0,9	0,7÷0,8	0,6÷0,7	0,5÷0,6
	1,3÷1,4	1,3÷1,4	1,2÷1,3	1,0÷1,1	0,8÷0,9	0,7÷0,8	0,6÷0,7





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### Typical weight distribution



The technical information provided here corresponds to the current production regulations, is confirmed by regular factory tests of the products, is as typical as possible, but should not be interpreted as a mandatory specification. It is subject to verification also if there are assumptions about unacceptable conditions of transportation and after-sale storage of products. This technical information may be updated without prior notice due to the introduction of new modes and production technologies, as well as the implementation of the relevant restrictions imposed by the state.

