

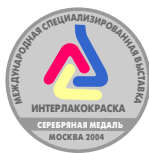


PRODUCT SHEET

Title **MIDOL®**
Fractionated microdolomite
of the SUPER serie

Standard TU 5716-007-40705684-2003

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



MD 05-97 (MIDOL® 05-98 since 2005)

Manufacturer GEOKOM, ZAO, Russia, Kaluga oblast,
p. Polotnyaniy Zavod, ul. Slobodka, 111A,
tel/fax (+08434) 32412, 46006

Product description fine dry powder of the white color

Mineral formula crystalline calcium-magnesium carbonate
/ dolomite / - $\text{CaMg}(\text{CO}_3)_2$

Chemical formula

MgO 21÷23%
CaO 30÷32%
 Fe_2O_3 0,05÷0,1%
 Al_2O_3 0,02÷0,1%
 SiO_2 < 0,5%

Water-soluble salts < 0,3%

Physical and other parameters

Density, g/cm³ 2,85÷2,9
Hardness (Mohs) 3,5÷4
Refractive Index 1,6
pH Index 9,5÷10,5
Humidity < 0,2

№98d-02





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**Technological quality parameters,
MIDOL® microdolomite of the SUPER serie**

Parameter	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) CIELab, %	98,5	98,5	99	99	99	99	99
brightness DIN 53163 (R _v , 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 (R ₄₅₇), %	95	95	96	96	96	96	96
whiteness ISO 11475 (D ₆₅ /10e), %	90	90	93	93	93	93	93
Fraction of total mass of screening residue N0045 (ISO 787/5), %	5	2	0,2	0,1	0,03	0,01	0,00
Top cut, % (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
Average particle size distribution, µm (Microsizer-201A):							
medium (D ₅₀)	30	20	10	7	5	3	1,7
maximum (D ₉₈)	60	45	33	28	22	16	10
minimum (D ₁₀)	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/100 g	17	17	21	22	27	28	32
Density (ISO 787/11), g/cm ³							
after packing	1,1±1,2 1,3±1,4	1,1±1,2 1,3±1,4	1,0±1,1 1,2±1,3	0,8±0,9 1,0±1,1	0,7±0,8 0,8±0,9	0,6±0,7 0,7±0,8	0,5±0,6 0,6±0,7

Package:

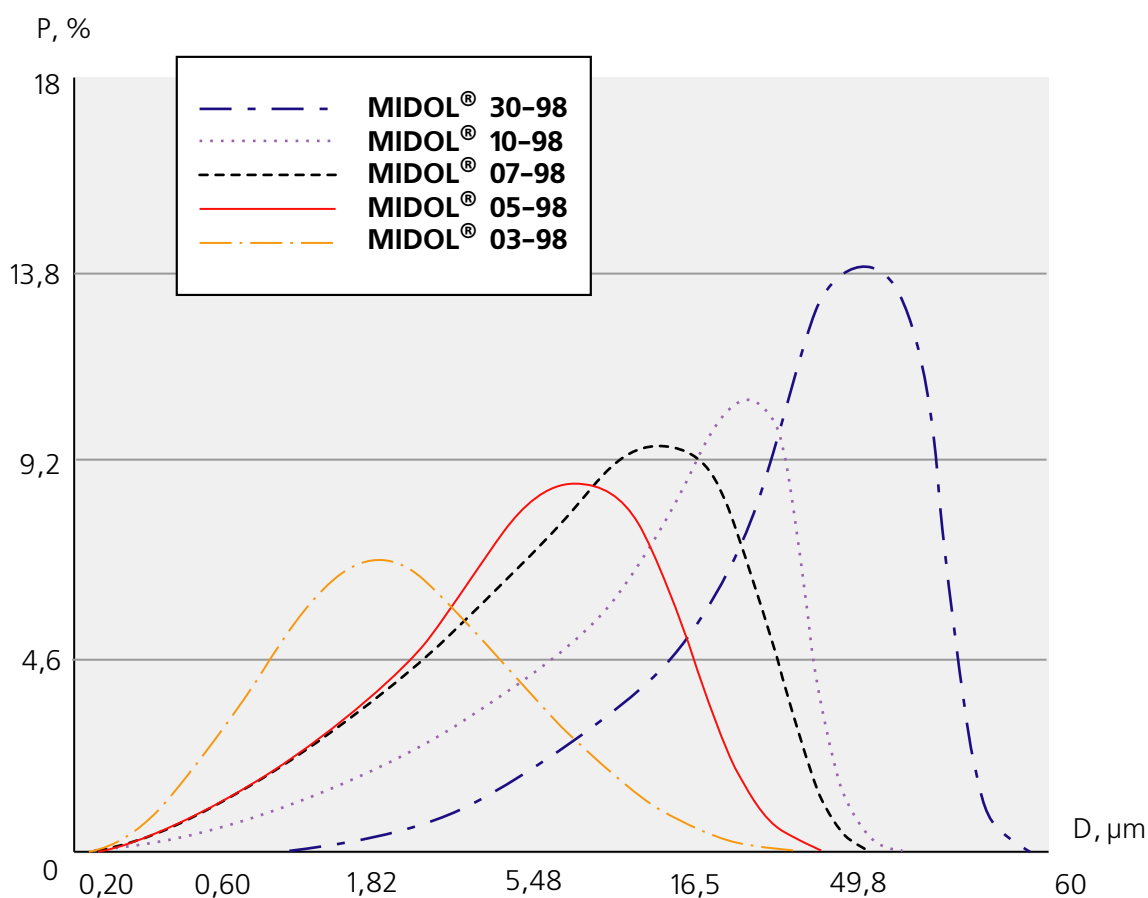
- Plastic bags 250, 1000 kg;
- Valvular paper bags 10, 50 kg on pallets (to 1200 kg) using special protective materials for transportation.

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Typical weights distribution



The technical data listed corresponds to actual production regulations and are confirmed by regular tests made by the manufacturer. It is typical to the maximum, but can not be construed as an obligatory specification. It is subject of testing if intolerable transportation or after-sale storage conditions have been supposed. This technical information can be corrected without any prior notices because of new production technologies or state regulations.

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