

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

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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 _y , 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	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
after packing	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

Package:

- Plastic bags 250ч1000 kg;
- Valvular paper bags 10ч50 kg on pallets (to 1200 kg) using special protective materials for transportation.

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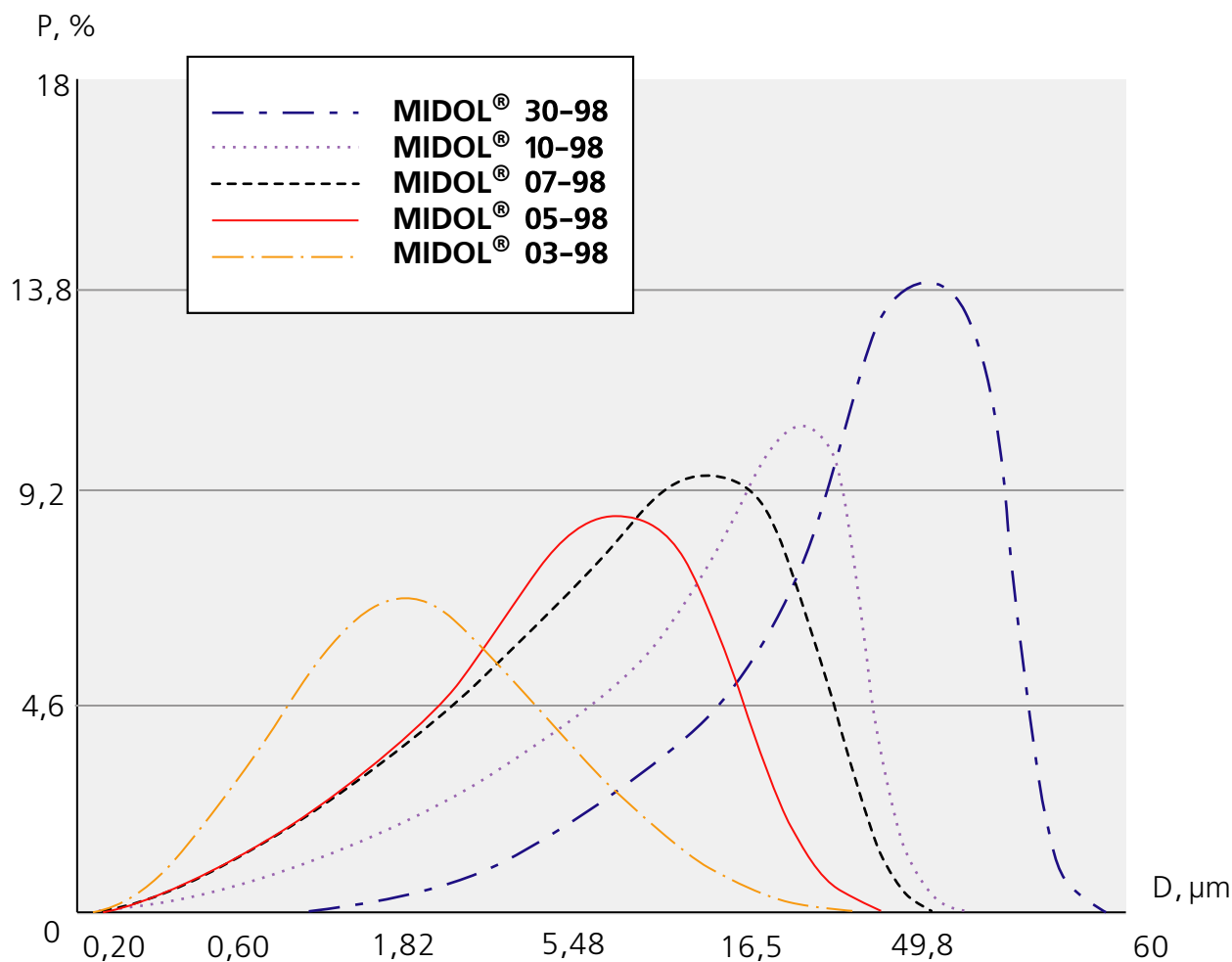
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Typical weights distribution



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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