



PRODUCT SHEET

Title MITAL®
Micronized talc series "STANDARD"

Standard all-Union State Standard 19284-79,
TU 5716-003-40705684-2001

Grades MT-GSM|MT-KSS|MT-EGS
MITAL® 30-80 | 15-80 | 10-80 | 07-80 | 05-80

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

Product description fine dry light powder

Mineral formula talc with includes of chlorite, magnesite
without free quartz (<<0,2%) and asbestos-making
materials

Physical and other parameters

Density, g/cm³ 2,7÷2,75
Hardness (Mohs) 1÷2
Refractive Index 1,57
pH Index 8,5÷9,5
Humidity 0,1÷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.





Typical technical quality parameters talc MITAL® of the STANDARD series

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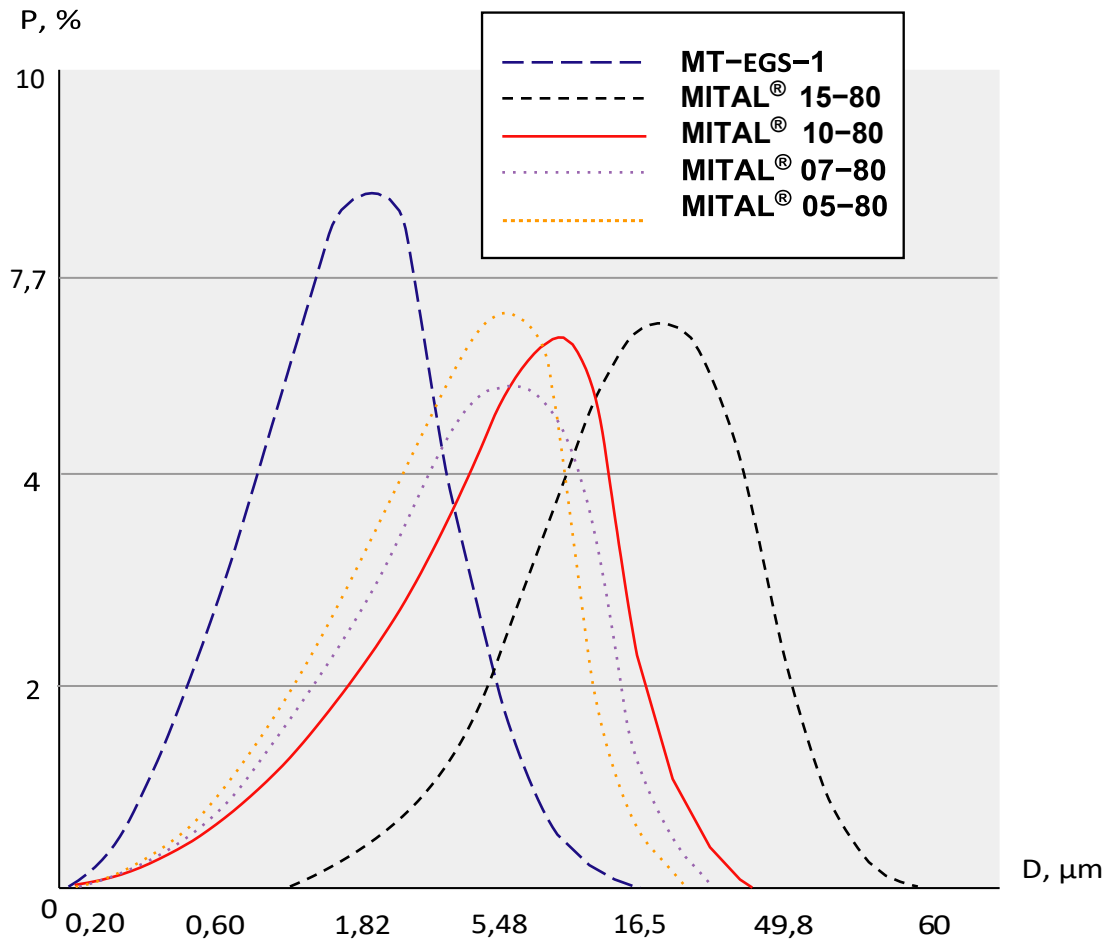
Parameter	Micronized talc AUSS 19284-79			Talc MITAL® TU 5727-001-40705684-2001				
	MT-GSM	MT-KSS	MT-EGS-1	30-80	15-80	10-80	07-80	05-80
Fraction of total mass, %								
SiO ₂ , %	58÷60	58÷60	60÷62	30÷45	40÷50	40÷50	40÷50	40÷50
MgO, %	30÷32	30÷32	30÷32	30÷33	30÷33	30÷33	30÷33	30÷33
Fraction of total mass of burnt insoluble in hydrochloric acid residue, %	>80	>82	>90	40÷70	60÷80	60÷80	60÷80	60÷80
Fraction of total mass of water-insoluble materials, %	0,3	0,3	0,3	0,3	0,3	0,3	0,3	0,3
Fraction of total mass of screening residue, %								
№0063				5	2			
№0045	0,5	0,1	0,01	25	15	0,5	0,1	0,01
Top cut, % (Microsizer-201A):								
less 20 µm	90	90	99	30	60	90	90	98
less 15 µm	70	75	97	25	50	70	75	95
less 10 µm	50	60	95	15	35	50	60	80
less 5 µm	20	30	80	5	20	20	30	50
less 2 µm	8	10	40		5	8	10	15
Average particle size distribution, µm (Microsizer-201A):								
medium (D ₅₀)	10	8	3,2	30	15	10	7	5
minimum (D ₉₈)	32	29	17	70	60	35	30	23
Whiteness CIELab (ISO 787/1, C/2°), %	85÷95	85÷95	85÷95	80	80	82	82	82
Brightness ISO 2470 (R ₄₈₇), %	65÷90	65÷90	65÷90	55	55	60	60	60
Oil absorption, g/100 g	30	34	50	20	24	27	30	37
Density (ISO 787/11), g/cm ³ after packing	0,5÷0,6	0,3÷0,5	0,2÷0,3	1,0÷1,2	0,8÷1,1	0,4÷0,5	0,4÷0,5	0,3÷0,4
	0,6÷0,7	0,4÷0,6	0,3÷0,4	1,1÷1,3	1,0÷1,2	0,5÷0,6	0,5÷0,6	0,4÷0,5





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Typical weights 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.

