



GEOKOM

ENGINEERING
FILLERS

MITAL®

MICRONIZED TALC
series "STANDARD"

MICARB® MIDOL® MITAL® MIBARI® MIWOLL® FRAMICA® FRAMITEX® FRAMIAL® FRAMILITE® FRAMIX® MIKAO®

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/cm ³	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.

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ISO 9001

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Typical technical quality parameters talc MITAL® series "STANDARD"

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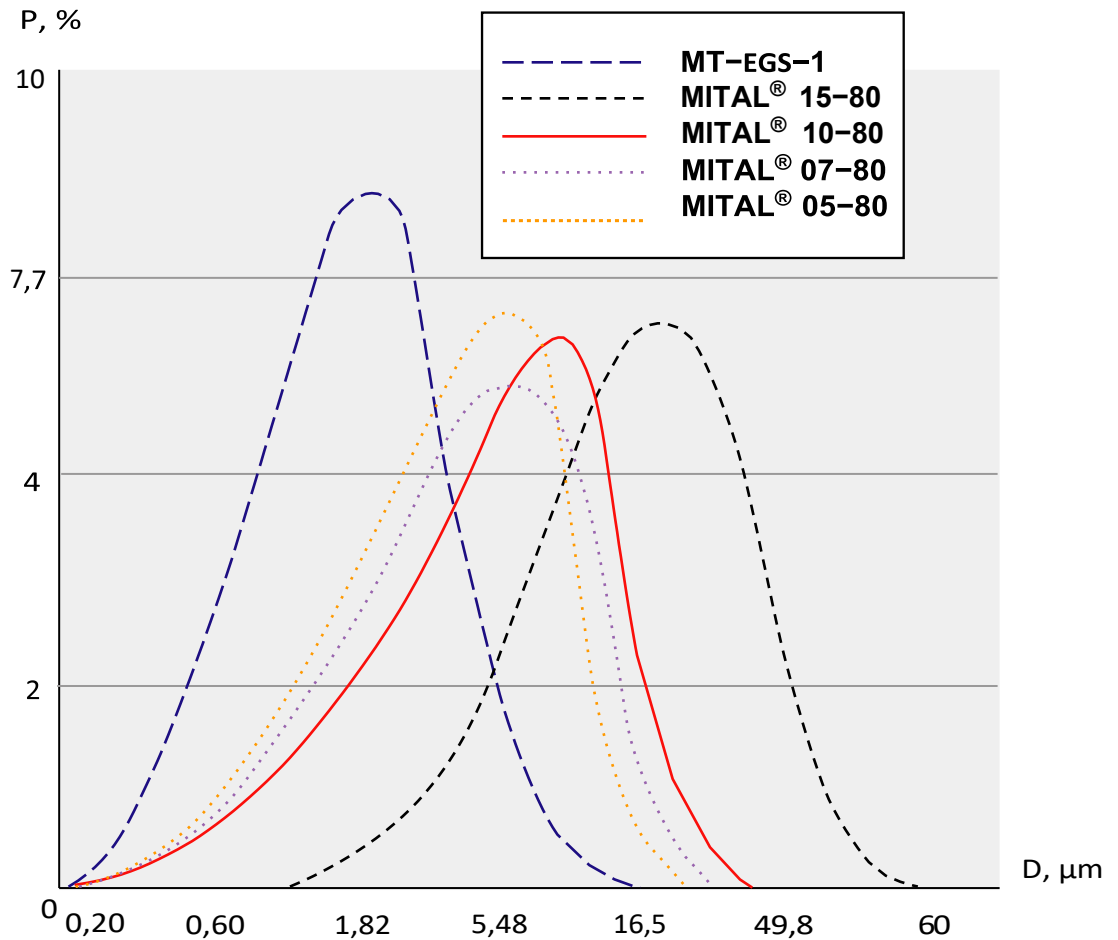
Parameter	Micronized talc AUSS 19284-79			Talc MITAL® TU 5727-001-40705684-2001				
	MT-GSM	MT-KSS	MT-EGS-1	30-80	15-80	10-80	07-80	05-80
Fraction of total mass, %								
SiO ₂ , %	58÷60	58÷60	60÷62	30÷45	40÷50	40÷50	40÷50	40÷50
MgO, %	30÷32	30÷32	30÷32	30÷33	30÷33	30÷33	30÷33	30÷33
Fraction of total 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





PRODUCT SHEET

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.

