



## PRODUCT SHEET

<b>Title</b>	<b>MITAL®</b> Fractionated microtalc of the STANDARD serie
<b>Standard</b>	all-Union State Standard 19284-79, TU 5716-003-40705684-2001
<b>Grades</b>	MT-GSM   MT-KSS   MT-EGS MITAL® 30-80   15-80   10-80   07-80   05-80
<b>Manufacturer</b>	GEOKOM, ZAO, Russia, Kaluga oblast, p. Polotnyaniy Zavod, ul. Slobodka, 111A, tel/fax (+08434) 32412, 46006
<b>Product description</b>	fine dry light powder
<b>Mineral formula</b>	talc with includes of chlorite, magnesite without free quartz (<<0,2%) and asbestos-making materials
<b>Physical and other parameters</b>	
Density, g/cm <sup>3</sup>	2,7÷2,75
Hardness (Mohs)	1÷2
Refractive Index	1,57
pH Index	8,5÷9,5
Humidity	0,1÷0,2
<b>Package:</b>	
	<ul style="list-style-type: none"><li>• Plastic bags 250 , 1000 kg;</li><li>• Valvular paper bags 10 , 50 kg on pallets (to 1200 kg) using special protective materials for transportation.</li></ul>



**Technical quality parameters**  
**MITAL® microtalc of the STANDARD serie**

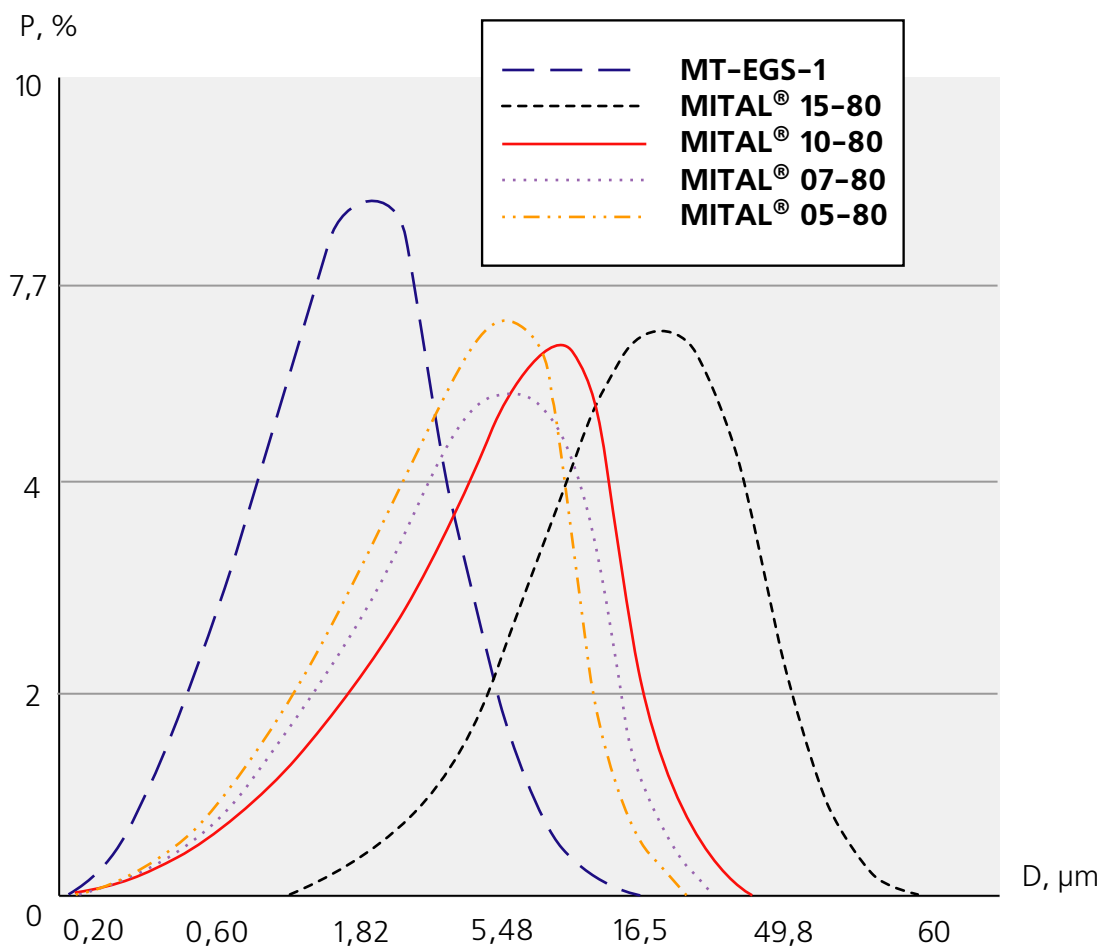
Parameter	Microtalc AUSS 19284-79			Microtalc MITAL® TU 5727-001-40705684-2001				
	MT-GSM	MT-KSS	MT-EGS-1	30-80	15-80	10-80	07-80	05-80
Fraction of total mass, %								
SiO <sub>2</sub> , %	58±60	58±60	60±62	30±45	40±50	40±50	40±50	40±50
MgO, %	30±32	30±32	30±32	30±33	30±33	30±33	30±33	30±33
Fraction 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 <sub>50</sub> )	10	8	3,2	30	15	10	7	5
minimum (D <sub>95</sub> )	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 <sub>457</sub> ), %	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 <sup>3</sup> 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 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.

