

PRODUCT SHEET

Title	MITAL® Fractionated microtalc of the STANDARD serie
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
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
Package:	
	<ul style="list-style-type: none"> • Plastic bags 250÷ 1000 kg; • Valvular paper bags 10÷ 50 kg on pallets (to 1200 kg) using special protective materials for transportation.

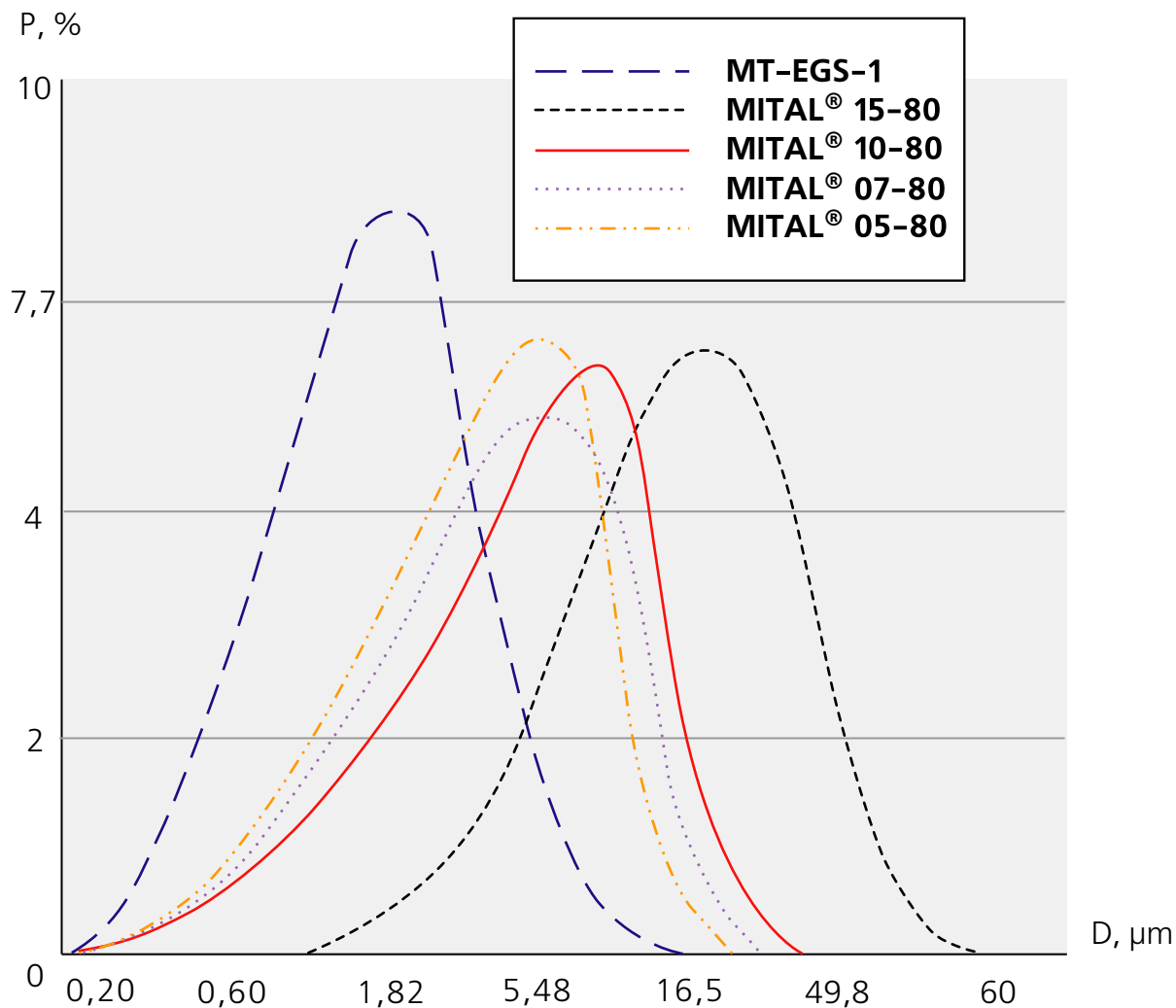
PRODUCT SHEET

Technical quality parameters
MITAL® microtalc of the STANDART 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 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 ₉₀)	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 ₄₅₇), %	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 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.

IMPEXINVEST LLC

Moskovskiy prospect 257, Kharkov, Ukraine, 61044

tel./fax: +38 (057) 758-59-56

e-mail: invest-osv@online.kharkiv.com

www.impexinvest.com.ua