

PRODUCT SHEET

Title MICARB®
Fractionated micromarble
of the STANDARD serie

Standard TU 5716-003-40705684-2001

Grades MICARB® 400 | 160 | 100-1 | 100-2 | 60 | 40
10-96 | 07-96 | 05-96 | 03-96 | 01-96

Product description grainy or fine dry powder of the white color

Mineral formula crystalline calcium carbonate
/ calcite, marble / of the high purity

Chemical formula

CaCO ₃	98÷99%
MgCO ₃	0,5÷1,0%
Fe ₂ O ₃	0,05÷0,1%
Al ₂ O ₃	0,02÷0,05%
SiO ₂	< 0,5%
Water-soluble salts	< 0,2%

**Physical and other
parameters**

Density, g/cm ³	2,7÷2,75
Hardness (Mohs)	2,5÷3,0
Abrasivity (ASTM 503-89)	10,3
Refractive Index	1,59
pH Index	9,0÷10,0
Humidity	<0,3

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

PRODUCT SHEET

Technological quality parameters,
MICARB® micromarble of the STANDARD serie

Parameter	MICARB®					
	900	400	160	100-1	100-2	60
Fraction of Total Mass of screening residue, %:						
№04	10	0,5				
№025	40	7	0,2			
№016	50	20	2	0,5	0,5	
№01	75	55	15	5	10	0,5
№0063	№1<0,1	70	60	30	50	5
№0045	№0,5<5	80	70	50	60	15
Average particle size distribution, µm (Microsizer-201A):						
medium (D ₅₀)		100	60	45	50	35
maximum (D ₉₈)		350	170	130	150	70
minimum (D ₁₀)			10	7	8	6
Chromatic preferences:						
whiteness CIELab (ISO 787/1, C/2°), %	92	94	95	94	95,5	96
brightness DIN 53163 (R _y , C/2°), %	85	88	89	88	91	91
Oil absorption (ISO 787/5), g/100 g		11	12	11	11	14
DOP-absorption (ISO 787/5), g/100 g		14	15	14	14	18
Density (ISO 787/11), g/cm ³ after packing	1,4÷1,5 1,5÷1,6	1,3÷1,4 1,4÷1,5	1,2÷1,3 1,3÷1,4	1,1÷1,2 1,3÷1,4	1,1÷1,3 1,3÷1,4	1,0÷1,2 1,1÷1,3

Package:

- Polypropylene containers MKR with polyethylene inserts.
- Work load: 1000 kg.
- Optional : valvular paper bags 10÷ 50 kg on pallets (to 1200 kg) using special protective materials for transportation.

PRODUCT SHEET

Technological quality parameters,
MICARB® micromarble of the STANDARD serie

Parameter	MICARB®					
	40	10-96	07-96	05-96	03-96	01-96
Fraction of Total Mass of screening residue, %:						
№0045	5	0,2	0,1	0,1	0,05	0,01
Top cut, % (Microsizer-201A):						
less 20 µm	60	84	90	92		
less 15 µm	50	70	80	85	95	
less 10 µm	30	50	60	75	85	98
less 5 µm	20	30	40	50	70	95
less 2 µm	5	15	17	30	40	60
Average particle size distribution, µm (Microsizer-201A):						
medium (D ₅₀)	15	10	7	5	3	1,7
maximum (D ₉₈)	50	32	28	23	18	10
minimum (D ₁₀)	5	1,8	1,3	1,0	0,9	0,8
Chromatic preferences:						
whiteness CIELab (ISO 787/1, C/2°), %	96,5	96,5	96,5	96,5	96,5	96
brightness DIN 53163 (R _y , C/2°), %	93	93	93	93	93	92
Oil absorption (ISO 787/5), g/100 g	15	17	20	22	24	28
DOP-absorption (ISO 787/5), g/100 g	20	24	28	30	36	43
Density (ISO 787/11), g/cm ³ after packing	1,0÷1,2 1,1÷1,3	1,0÷1,1 1,1÷1,2	1,0÷1,1 1,1÷1,2	0,9÷1,0 1,0÷1,1	0,7÷0,8 0,8÷1,0	0,6÷0,7 0,7÷0,8

Package:

- Polypropylene containers MKR with polyethylene inserts.
- Work load, kg: 1000 900 900 900 700 50
- Optional : valvular paper bags 10ч50 kg on pallets (to 1200 kg) using special protective materials for transportation.

IMPEXINVEST LLC

Moskovskiy prospect 257, Kharkov, Ukraine, 61044

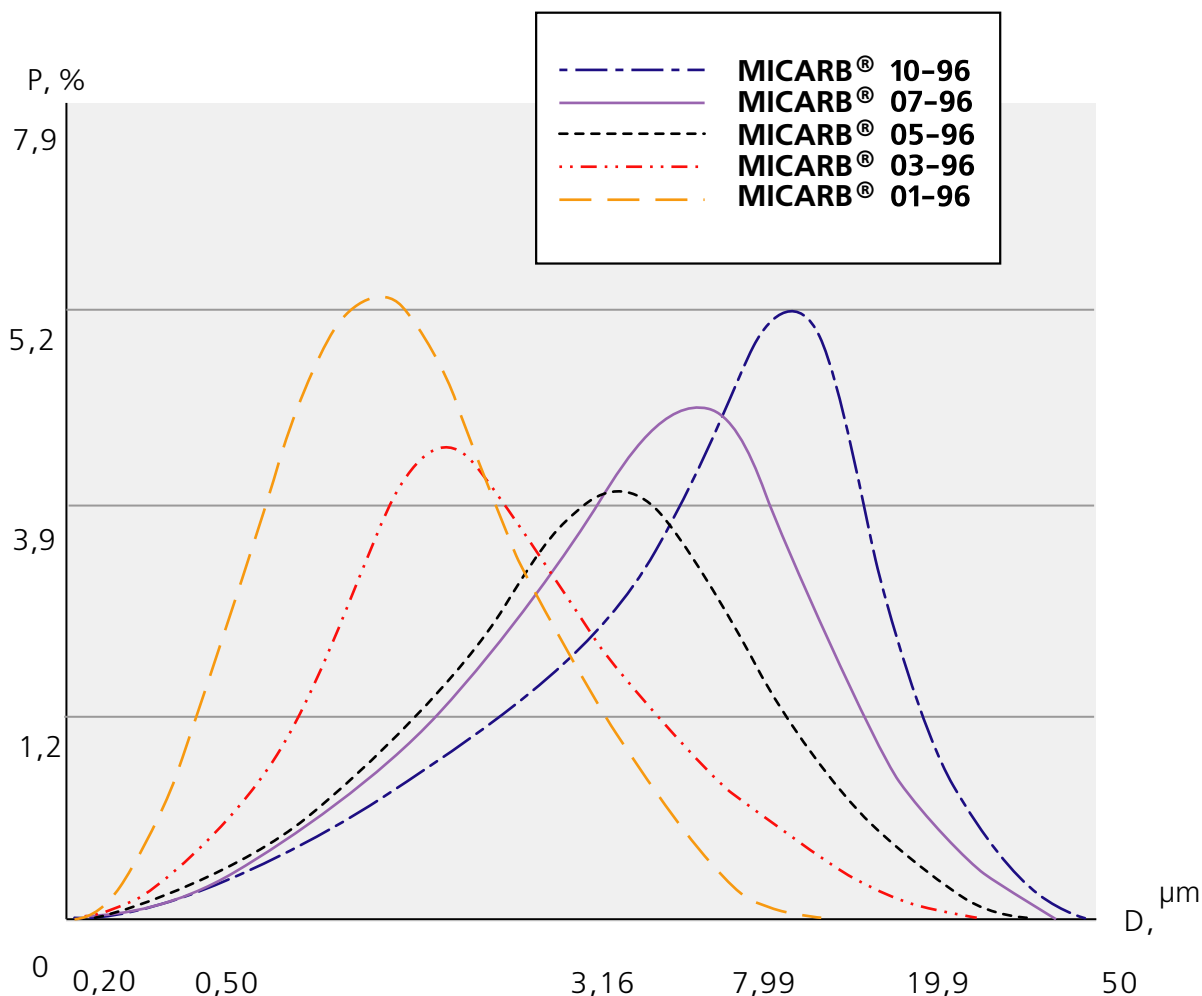
tel./fax: +38 (057) 758-59-56

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

www.impexinvest.com.ua

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

Moskowskij prospect 257, Kharkov, Ukraine, 61044

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

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

www.impexinvest.com.ua