

MICRONIZED WAXES

DEUREX®
THE WAX COMPANY

Micronized amide waxes

Waxes	Chemical description	Drop point °C	Penetration dmm	Density g/cm ³	Particle size	
					98 % < x μm	50 % < x μm
DEUREX A 2015 M	Ethylene-Bis-Stearamide wax, micronized	142 - 151	1 - 3	0.98 - 1.00	15	6
DEUREX A 2625 M	Erucamide wax, micronized	81 - 89	2 - 5	0.87 - 0.88	25	7
DEUREX A 2830 M	Stearamide wax, micronized	101 - 111	2 - 8	0.90 - 0.91	30	8
DEUREX X 2010 M	Amide wax made of sugar cane, micronized	142 - 151	1 - 3	0.98 - 1.00	10	3

Micronized polyethylene waxes

Waxes	Chemical description	Drop point °C	Penetration dmm	Density g/cm ³	Particle size	
					98 % < x μm	50 % < x μm
DEUREX E 0920 M	Non polar polyethylene wax, micronized	110 - 120	2 - 5	0.94 - 0.96	20	8
DEUREX E 0925 M	Non polar polyethylene wax, micronized	110 - 120	< 2	0.94 - 0.96	25	9
DEUREX EO 4515 M	Oxidized HDPE wax, micronized	123 - 135	< 1	0.97 - 0.99	15	6
DEUREX EO 4520 M	Oxidized HDPE wax, micronized	125 - 135	< 1	0.97 - 0.99	20	7

Micronized hybrid waxes

Waxes	Chemical description	Drop point °C	Penetration dmm	Density g/cm ³	Particle size	
					98 % < x μm	50 % < x μm
DEUREX H 9215 M	Hybrid wax, polyolefine wax and amide wax, micronized	130 - 140	< 5	0.97 - 0.99	15	7
DEUREX H 9220 M	Hybrid wax, polyolefine wax and amide wax, micronized	130 - 140	< 5	0.97 - 0.99	20	8
DEUREX H 9314 M	Hybrid wax, micronized	50 - 60	-	0.94 - 0.95	14	4

Micronized polypropylene waxes

Waxes	Chemical description	Drop point °C	Penetration dmm	Density g/cm ³	Particle size	
					98 % < x μm	50 % < x μm
DEUREX P 3620 M	Non polar polypropylene wax, micronized	150 - 170	< 1	0.87 - 0.89	20	8
DEUREX P 3820 M	Polypropylene wax, micronized	145 - 155	< 3	0.92 - 0.98	20	7

Micronized Fischer-Tropsch waxes

Waxes	Chemical description	Drop point °C	Penetration dmm	Density g/cm ³	Particle size	
					98 % < x μm	50 % < x μm
DEUREX T 2915 M	Fischer-Tropsch wax, micronized	90 - 103	4 - 7	0.94 - 0.95	15	6
DEUREX T 3915 M	Fischer-Tropsch wax, micronized	110 - 120	< 1	0.94 - 0.95	15	6
DEUREX T 3920 M	Fischer-Tropsch wax, micronized	110 - 120	< 1	0.94 - 0.95	20	8
DEUREX T 4915 M	Fischer-Tropsch wax, micronized	112 - 120	< 1	0.94 - 0.95	15	6
DEUREX TO 8120 M	Oxidized Fischer-Tropsch wax, micronized	104 - 114	< 1	0.94 - 0.95	20	8

Micronized natural waxes

Waxes	Chemical description	Drop point °C	Penetration dmm	Density g/cm ³	Particle size	
					98 % < x μm	50 % < x μm
DEUREX X 2010 M	Amide wax made of sugar cane, micronized	142 - 151	1 - 3	0.98 - 1.00	10	3
DEUREX X 5217 M	Sugar cane wax, micronized	78 - 82	1 - 3	0.80 - 0.85	17	8
DEUREX X 5520 M	Carnauba wax, micronized	81 - 90	< 1	0.93 - 0.98	20	8

Micronized biodegradable waxes

Waxes	Chemical description	Drop point °C	Penetration dmm	Density g/cm ³	Particle size	
					98 % < x μm	50 % < x μm
DEUREX X 5217 M	Sugar cane wax, micronized	78 - 82	1 - 3	0.80 - 0.85	17	8


Micronized waxes for direct food contact

Waxes	Chemical description	Drop point °C	Penetration dmm	Density g/cm ³	Particle size	
					98 % < x μm	50 % < x μm
DEUREX X 5520 M	Carnauba wax, micronized	82 - 92	< 1	0.93 - 0.98	20	8
DEUREX S 5519 M	Carnauba-bio-based micronized wax, coated with Silica	81 - 90	< 1	-	19	5
DEUREX T 4915 M	Fischer-Tropsch-wax, micronized	112 - 120	< 2	0.94 - 0.95	15	6

Micronized polyamide coated waxes

Waxes	Chemical description	Drop point (polyamide) °C	Penetration dmm	Density g/cm ³	Particle size	
					98 % < x μm	50 % < x μm
DEUREX A 6619 M	Polyamide fully coated polyolefin wax, micronized	170 - 185	< 1	0.94 - 0.95	19	8
DEUREX A 6721 M	Polyamide spot coated polyolefin wax, micronized	170 - 185	< 1	0.94 - 0.95	21	8

Micronized PTFE coated waxes

Waxes	Chemical description	PTFE-wax-ratio	Hardness	Density	Particle size	
					98 % < x μm	50 % < x μm
DEUREX F 6114 M	PTFE double coated wax, micronized		↑	↓	14	6
DEUREX F 6214 M	PTFE fully coated wax, micronized				14	6
DEUREX F 6310 M	PTFE spot coated wax, micronized				10	5
DEUREX F 6314 M	PTFE spot coated wax, micronized				14	6
DEUREX F 6414 M	PTFE eco coated wax, micronized				14	6

Micronized PTFE

Waxes	Chemical description	Melting point °C	Penetration dmm	Density (PTFE) g/cm ³	Particle size	
					98 % < x μm	50 % < x μm
DEUREX F 6008 M	PTFE, micronized	320.0 - 340.0	< 1	2.15 - 2.25	8	4

Micronized Silica coated waxes

Waxes	Chemical description	Silica-wax-ratio	Matting	Density	Particle size	
					98 % < x μm	50 % < x μm
DEUREX S 3119 M	Silica double coated wax, micronized		↑	↓	19	5
DEUREX S 3219 M	Silica coated wax, micronized				19	5
DEUREX S 3319 M	Silica spot coated wax, micronized				19	5
DEUREX S 3419 M	Silica eco coated wax, micronized				19	5
DEUREX S 5519 M	Carnauba wax, coated with Silica				19	5

Micronized Silica

Waxes	Chemical description	Melting point °C	Density (Silica) g/cm ³	Particle size	
				98 % < x μm	50 % < x μm
DEUREX S 3012 M	Silica, micronized	< 1,600	2.60 - 2.70	12	5
DEUREX S 3017 M	Silica, micronized	< 1,600	2.60 - 2.70	17	7
DEUREX SILICA 200	Hydrophilic fumed Silica	< 1,600	2.60 - 2.70	BET: 175 - 225 m ² /g	

Micronized diamond coated waxes

Waxes	Chemical description	Particle size	
		98 % < x μm	50 % < x μm
DEUREX D 6515 M	Double coated wax of diamondlike hardness, micronized	15	6
DEUREX D 6520 M	Double coated wax of diamondlike hardness, micronized	20	8
DEUREX D 6565 M	Double coated wax of diamondlike hardness, micronized	65	15

FORMS OF DELIVERY: Our products are available as granules (G), fine granules (K), powders (P), finest powders (A), micronized powders (M), water based dispersions and emulsions (W), oil based dispersions (O), solvent based dispersions (S).

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