



LANCO™ WAX
Micronised Waxes

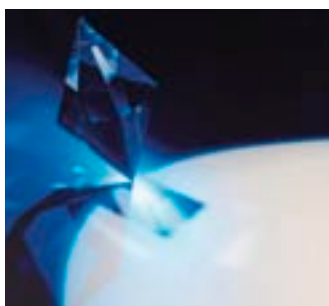
POWDERADD™
Waxes

AQUASLIPT™
Wax Emulsions

PRODUCT SUMMARY



Surface Modifiers for Coatings



LANCO™ LIQUIMATT
Wax Dispersions

LANCO™ FLOW
Flow Promoters

LANCO™ ANTIMAR
Antimar Agents

LANCO™ GLIDD
Wax Dispersions

LANCO™ WAX
Micronised Waxes





One supplier. Many solutions.

Industry knowledge

Lubrizol employs experienced paint, coating, ink and plastic specialists. A constant dialogue with our customers and continuous learning enables us to understand the needs of the industry and successfully work on today's and future paint, coating, ink and plastic needs.

Technical support

Lubrizol has fully equipped labs in Europe, the U.S. and Asia, all dedicated to helping our customers, dealing with technical questions and delivering solutions.

Quality products

From product development to production and distribution, we carefully control all processes to ensure the quality of our products and help our customers gain a competitive edge.

Best solution

Lubrizol specialises in providing just the right product in just the right amount to turn an ordinary coating into an extraordinary coating – at optimal cost around the globe.

On-time delivery

Product availability and on-time delivery are vital to any business. To answer these needs, Lubrizol has a worldwide network of distribution points. This comprehensive network provides immediate access to customer service personnel.

www.lubrizolcoatings.com

PRODUCT	CHEMICAL BASE	MAX. PARTICLE SIZE ¹⁾		MELTING POINT °C	DENSITY g/cm ³ @ 20°C
		µm Dv50	µm Dv90		
MICRONISED WAXES FOR GENERAL USE					
LANCO™ PP 1340 F	PP-modified PE	9	22	140	0.94
LANCO™ PP 1350 F	PP-modified PE	9	22	150	0.94
LANCO™ PP 1362 D	Modified PP	9	22	140	0.94
LANCO™ PP 1362 SF	Modified PP	6	14	140	0.94
LANCO™ 1370 LF	Modified PP	9	18	150	0.93
LANCO™ 1382 LF	Modified PP	9	18	140	0.95
LANCO™ 1394 F	PP	13	25	140	0.90
LANCO™ 1394 LF	PP	9	18	140	0.90
LANCO™ 1400 LF	Modified PE	9	19	140	0.97
LANCO™ 1400 SF	Modified PE	6	14	140	0.97
LANCO™ PE 1500 F	PE	9	22	102	0.96
LANCO™ PE 1500 SF	PE	6	14	102	0.96
LANCO™ 1530 SF	PE	6	14	118	0.97
LANCO™ PE 1544 F	Modified PE	9	22	140	0.99
LANCO™ PE 1554 SF	PE-Carnauba compound	6	14	102	0.96
LANCO™ PEW 1555	Hydrophilic PE	9	22	102	0.96
LANCO™ 1588 LF	PE	9	18	105	0.96
LANCO™ 1588 SF	PE	7 ²⁾	12 ²⁾	105	0.96
LANCO™ A 1602	Amide	9	22	140	0.99
LANCO™ A 1610	Amide	5 ³⁾	–	140	0.99
LANCO™ A 1611	Amide	60 ³⁾	–	140	0.99
LANCO™ HM 1666	Amide	9	22	185	0.99
LANCO™ TF 1725 LF	PTFE-modified PE	9	18	102	1.01
LANCO™ TF 1725	PTFE-modified PE	6	14	102	1.01
LANCO™ TF 1725 EF	PTFE-modified PE	5	10	102	1.01
LANCO™ TFW 1765	PTFE-modified PE	6	14	102	1.08
LANCO™ TF 1768	PTFE-modified PE	9	22	105	1.14
LANCO™ TF 1778	PTFE-modified PE	6	14	102	1.04
LANCO™ TF 1780	PTFE-modified PE	6	14	102	1.07
LANCO™ TF 1780 EF	PTFE-modified PE	5	10	102	1.07
LANCO™ TF 1782	PTFE-modified PE	6	14	125	1.08

1) Cilas, laser diffraction · 2) Malvern, laser diffraction · 3) max. retained material (%) on 75 µm sieve

PRODUCT	CHEMICAL BASE	MAX. PARTICLE SIZE ¹⁾ µm Dv50 µm Dv90		MELTING POINT °C	DENSITY g/cm ³ @ 20°C
MICRONISED WAXES FOR GENERAL USE					
LANCO™ 1791	PTFE	–	–	320	2.20
LANCO™ 1792	PTFE	4	–	320	2.25
LANCO™ 1796	PTFE	6	–	320	2.25
LANCO™ 1799	PTFE	5	–	320	2.25
LANCO™ 1930	Modified Ester wax	9	22	133	0.99
LANCO™ 1955 SF	Carnauba	6	14	82	1.00
LANCO™ SM 2001	PTFE-modified PE	9	22	105	0.99
LANCO™ SM 2003	Modified PE	9	22	140	0.97
LANCO™ SM 2005	PE	9	22	105	0.96
LANCO™ D2S	Amide	9	22	140	1.00
LANCO™ D2S EF	Amide	5	9.5	140	1.00
LANCO™ E2S	Amide	1000 ²⁾	–	74	0.88

1) Cilas, laser diffraction · 2) max. particle size, sieve analysis

PRODUCT	CHEMICAL BASE	MAX. PARTICLE SIZE µm Dv50	MELTING POINT °C	DENSITY g/cm ³ @ 20°C
MICRONISED WAXES FOR POWDER COATINGS				
LANCO™ PE 1525 MF	PE	15	105	0.96
LANCO™ 1550	PE	30 ³⁾	117	0.95
LANCO™ TF 1830	PTFE-modified PE	9	102	1.04
LANCO™ 1890	PTFE	43	320	2.25
LANCO™ 1900 MF	Polymer compound	15	60	1.12
LANCO™ 1910 MF	Polymer compound	15	63	1.01
POWDERADD™ 9015	PE	1000	111	0.93
POWDERADD™ 9025	PE	15	105	0.96
POWDERADD™ 9060	Amide	9	140	0.99
POWDERADD™ 9062	Modified PE	80	140	0.97
POWDERADD™ 9078	PTFE-modified PE	300	115	1.01
POWDERADD™ 9080	Polymer	Fine beads	–	1.11
POWDERADD™ 9083	PTFE-modified PE	100	110	1.02
POWDERADD™ 9089	PTFE-modified PE	70	140	2.70
POWDERADD™ 9094	PP	15	140	0.90

3) Malvern, laser diffraction

PRODUCT	SURFACE MODIFIER TYPE	% SOLIDS CONTENT	pH-VALUE	SOLVENT	MELTING POINT °C	DENSITY g/cm ³ @ 20°C
AQUEOUS WAX DISPERSIONS FOR COATINGS						
LANCO™ GLIDD 3993	PTFE	40	7.0	Water	320	1.26
LANCO™ GLIDD 6148	PE	53	8.5	Water	105	0.96
LANCO™ GLIDD 6445	PE	42	10.0	Water	105	0.97
LANCO™ GLIDD 9530	PTFE-modified PE	30	8.0	Water	102	1.00
LANCO™ LIQUIMATT 6000	Modified Carnauba	99	6.5	–	82	0.96
LANCO™ LIQUIMATT 6010	Modified PE	95	6.0	Methoxypropanol	102	0.95
LANCO™ LIQUIMATT 6375	Silicagel/PE	50	10.5	Water	105	1.00

PRODUCT	SURFACE MODIFIER TYPE	% SOLIDS CONTENT	pH-VALUE	MELTING POINT °C	DENSITY g/cm ³ @ 20°C
AQUEOUS WAX EMULSIONS FOR COATINGS					
AQUASLIP™ 656	Oxidised PE	35	9.0	137	1.00
AQUASLIP™ 658	Ester	30	5.5	83	1.00
AQUASLIP™ 671	Oxidised PE	37	4.0	123	1.00
AQUASLIP™ 677	Modified Paraffin	55	9.0	64	0.95
AQUASLIP™ 681	Oxidised PE	37	9.0	123	1.00
AQUASLIP™ 952	Carnauba No.1	25	9.5	82	1.00



PRODUCT	SURFACE MODIFIER TYPE	% SOLIDS CONTENT	SOLVENT	MELTING POINT °C	DENSITY g/cm ³ @ 20°C
SOLVENT-BASED DISPERSIONS FOR GENERAL USE					
LANCO™ GLIDD 2418	PE copolymer	10	XY/ALC	105	0.88
LANCO™ GLIDD 2656	Carnauba	10	A150/IPA	82	0.86
LANCO™ GLIDD 3510	PTFE-modified PE	36	A150/BDG	102	0.93
LANCO™ GLIDD 4365	Hydrocarbon blend	68	MS	n.a.	0.85
LANCO™ GLIDD 4415	Carnauba	15	Mixture	82	0.90
LANCO™ GLIDD 4832	PTFE-modified compound	32	A150/MP	100	0.90
LANCO™ GLIDD 4838	Modified Carnauba	38	Mixture	82	0.91
LANCO™ GLIDD 5118	PE	18	BG	106	0.91
LANCO™ GLIDD 5518	PTFE-modified Carnauba	18	BG	84	0.93
LANCO™ GLIDD 5575	PE	45	BUAC	105	0.97
LANCO™ GLIDD 5618	PE	18	IPA	106	0.81
LANCO™ LIQUIMATT 5730	PE-Silica	24	XY/BUAC	n.a.	0.96
LANCO™ GLIDD AH	PE	20	XY	110	0.89
LANCO™ GLIDD BT	Carnauba	15	DPM	82	0.96
LANCO™ GLIDD ES	Modified PE	21	ALC	140	0.83
LANCO™ GLIDD KS	PE	20	A150	106	0.90
LANCO™ GLIDD KX	PE	20	XY	106	0.88
LANCO™ GLIDD MT	PE	25	BUAC	110	0.89
LANCO™ GLIDD PC	PP-modified PE	15	MP/A150	150	0.91
LANCO™ GLIDD PEC	Carnauba PE	15	MP/A150	102	0.91
LANCO™ GLIDD PH	PP-modified PE	20	MPAC/BUAC	140	0.93
LANCO™ GLIDD PME	Modified PE	22	ALC	88	0.83
LANCO™ GLIDD PMS	Modified PE	21	A150	88	0.90
LANCO™ GLIDD SE	Microcrystalline	15	MP/A150	79	0.91
LANCO™ GLIDD TD	PE	25	IPA	111	0.82

A100 = Aromatic 100 · A150 = Aromatic 150 · ALC = Alcohol
 BDG = Butyl Diglycol · BUAC = Butyl Acetate · BG = Butyl Glycol
 DPM = Dipropylene Glycol Monoethylether · GE = Glycol Ether
 IBAC = Isobutyl Acetate · IPA = Isopropanol · IPAC = Isopropyl Acetate
 MP = Methoxypropanol · MPAC = Methoxypropyl Acetate · MS = Mineral Spirit
 XY = Xylene

PRODUCT	SURFACE MODIFIER TYPE	% SOLIDS CONTENT	SOLVENT	DENSITY g/cm ³ @ 25°C
MODIFIED SILICONES FOR COATINGS				
LANCO™ ANTIMAR 153	Silicone compound	2.5	Aromatic 100/Glycol Ether	0.88
LANCO™ ANTIMAR 412	Modified Silicone compound	12	Butyl Acetate	0.90
LANCO™ ANTIMAR 450	Wax-modified Silicone	50	Butyl Acetate	0.93

PRODUCT	POLYMER	% SOLIDS CONTENT	SOLVENT	DENSITY g/cm ³ @ 20°C
FLOW PROMOTERS				
LANCO™ FLOW P 10	Acrylic polymer	99	None	1.49
LANCO™ FLOW P 30	Modified castor oil wax	100	None	0.90
LANCO™ FLOW CC 80	Modified acrylic polymer	80	Isobutanol	0.96
LANCO™ FLOW L	Acrylic polymer	95	Xylene	1.03
LANCO™ FLOW S	Acrylic polymer	50	Xylene	0.95
LANCO™ FLOW U	Acrylic polymer	99	None	1.02
LANCO™ FLOW UX 80	Acrylic polymer	80	Xylene	0.98

PRODUCT	SURFACE MODIFIER TYPE	% SOLIDS CONTENT	MAX. PARTICLE SIZE ¹⁾ μm Dv50	DENSITY g/cm ³ @ 25°C
SILICA MATTING AGENTS				
LANCO™ MATT MC 1000	Wax treated Silicagel	100	7.1	2.00
LANCO™ MATT 2000	Wax treated Silicagel	100	5.5	2.00

1) Malvern, laser diffraction



Global Headquarters

Lubrizol Advanced Materials, Inc.
9911 Brecksville Road
Cleveland, OH 44141-3247 USA
Tel.: +216 447 5000

www.lubrizolcoatings.com

Your contact for Surface Modifiers & Flow Promoters:

EUROPE – MIDDLE EAST – AFRICA

Lubrizol Deutschland GmbH
Max-Planck-Straße 6
27721 Ritterhude, Germany
Tel.: +49 - (0)421-69333

E-mail: lanco@lubrizol.com



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REF: SM1/2/001-GB
ISSUED: 10/2007