



Lubrizol

PERFORMANCE COATINGS

LUBRIZOL SURFACE MODIFIERS FOR COIL COATINGS

OUTSTANDING SURFACE PROTECTION

From the first impression to lasting performance, Lubrizol surface modifiers make the difference. Lanco™ TF micronized wax additives are surface modifiers based on PTFE-modified polyethylene that help create surface slip to make coil coatings more resilient against the hazards of processing and use: abrasion, scuffing, scratching and other marring effects. Lanco™ Glidd wax dispersions are easy to handle and facilitate incorporation of the wax additives.

PRODUCT NAME	WAX TYPE	SOLIDS %	SOLVENT	PARTICLE SIZE		MELTING POINT °C (°F)	DENSITY at 20 °C g/cm ³
				Dv50 μm	Dv90 μm		
Lanco™ TF 1778 C	PE/PTFE	100	n/a	≤ 5	≤ 14	102	1.04
Lanco™ TF 1780 EFC	PE/PTFE	100	n/a	≤ 5	≤ 10	102	1.07
Lanco™ TF 1788 C	PE/PTFE	100	n/a	≤ 6	≤ 14	102	1.04
Lanco™ PP 1362 D	mod. PP	100	n/a	≤ 6	≤ 14	140	0.94
Lanco™ Glidd 3520	PE/PTFE	20	Aromatic 110/ Butyl	≤ 4	≤ 7	102	0.92
Lanco™ Glidd 4832 LF	PTFE mod. wax	32	Aromatic 150 ND	≤ 5	≤ 9	100	0.91
Lanco™ Glidd 5361	PE/PTFE	29	Aromatic 150 ND	≤ 7	≤ 14	102	0.90

For additional product information, visit lubrizol.com/coatings or contact your Lubrizol representative.

WHAT WE ADD MAKES THE DIFFERENCE.™

- HIGHLY EFFECTIVE SURFACE PROTECTION
- SCRATCH AND MAR RESISTANCE
- ANTI-BLOCKING
- IMPROVED PERFORMANCE
- MATERIAL SAVINGS

www.lubrizol.com/coatings

FEATURES & BENEFITS

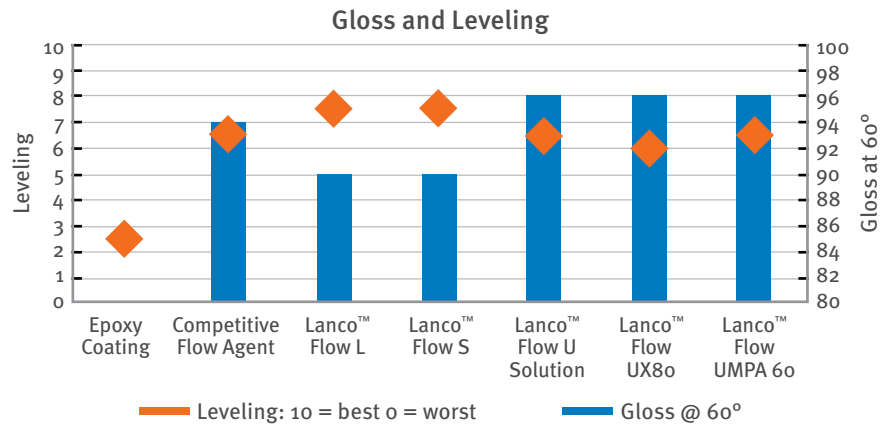
- SUPPORT OF DEGASSING
- CONTROL OF FLOW AND SURFACE LEVELING
- ELIMINATION OF SURFACE DEFECTS LIKE CRATERS, PINHOLES AND ORANGE PEEL
- INCREASE OF GLOSS AND CLARITY
- ENHANCEMENT OF SUBSTRATE WETTING
- VERY GOOD RECOAT PROPERTIES
- EXCELLENT COMPATIBILITY WITH VARIOUS BINDERS AND SOLVENTS

Flow and Leveling

Lanco™ Flow acrylic surface modifiers eliminate surface defects such as craters, pinholes, orange peel and other common defects. They facilitate the coating process by improving substrate wetting and flow and leveling of the coating. Additionally, degassing is enhanced leading to a uniform smooth surface with high gloss.

PRODUCT NAME	SOLVENT	SOLID CONTENT %	VISCOSITY mPa*s	MOLECULAR WEIGHT	DENSITY at 20 °C g/cm ³
Lanco™ Flow U	—	> 99	190,000	high	1.02
Lanco™ Flow UX 80	Xylene	80	4,500	high	0.98
Lanco™ Flow UMPA60	Methoxy-propyl acetate	60	1,000	high	0.98
Lanco™ Flow UA 50	Aromatic 100	50	250	high	0.93
Lanco™ Flow L	Xylene	> 95	1,000	low	1.03
Lanco™ Flow S	Xylene	50	100	low	0.95
Lanco™ Flow AC 196-1	Xylene	60	≤ 100	low	0.96

For information on product availability in a specific region, visit lubrizol.com/Coatings/Product-Finder.



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