

Technical Data Sheet

LubParaffin Wax™

GENERAL DESCRIPTION

LubParaffin Wax™ is translucent crystalline material in the solid state and a water white, low viscosity, clear liquid when molten. They are derived from petroleum via a carefully controlled refining process and are primarily comprised of straight chain normal paraffin hydrocarbons, which impart excellent gloss and water repellent properties.

APPLICATIONS

LubParaffin Wax™ widely used on the candle produce and other industry as below: corrugate boxes, cosmetic formulations, PVC extrusion lubricants, adhesives, crayons, and waxes for rubber and tires.

TYPICAL PROPERTIES

LubParaffin Fully Refined Waxes

	MELTING POINT °C	% OIL CONTENT	KINEMATI C VISC. @ 100°C CST	NEEDLE PEN. 0.1MM @ 25°C / 40°C	SAYBOLT COLOR	FLASH POINT °C
	D87	D721	D445	D1321	D156/ D6045	D92
	TYPICAL	MAX	TYPICAL	TYPICAL	MIN.	MIN.
LUBPARAFFIN FR 52.5	52.5	< 0.5	3.4	16 / 108	+ 28	204
LUBPARAFFIN FR 53.6	53.6	< 0.5	3.5	15 / 106	+ 28	204
LUBPARAFFIN FR 54.8	54.75	< 0.5	3.6	16 / 110	+ 28	204
LUBPARAFFIN FR 56.3	56.4	< 0.5	3.7	16 / 85	+ 28	204
LUBPARAFFIN FR 56.4	56.4	< 0.5	3.9	15 / 100	+ 28	204
LUBPARAFFIN FR 58.5	58.6	< 0.6	4.1	16 / 66	+ 28	204
LUBPARAFFIN FR 58.6	58.6	< 0.6	4.0	14 / 55	+ 28	204
LUBPARAFFIN FR 59.5	59.5	< 0.7	4.3	15 / 56	+ 28	210
LUBPARAFFIN FR 61.1	61.1	< 0.6	4.6	15 / 47	+ 28	210
LUBPARAFFIN FR 62.5	62.5	< 0.5	4.9	15 / 38	+ 28	210
LUBPARAFFIN FR 63.8	63.9	< 0.7	5.4	13 / 34	+ 26	210
LUBPARAFFIN FR 63.9	63.9	< 0.5	5.2	15 / 33	+ 28	210
LUBPARAFFIN FR 67.2	67.2	< 0.8	6.3	16 / 34	+ 26	220
LUBPARAFFIN FR 68.3	68.3	< 0.8	6.6	13 / 34	+ 26	220
LUBPARAFFIN FR 71.1	71.1	< 0.75	7.5	15 / 36	+ 26	220

Note: Values shown here represent approximate specification limits and typical values

LubParaffin Semi Refined Waxes

	MELTING POINT °C	% OIL CONTENT	KINEMATIC VISC. @ 100°C CST	NEEDLE PEN. 0.1MM @ 25°C	SAYBOLT COLOR	FLASH POINT °C
	D87	D721	D445	D1321	D156/ D6045	D92
	TYPICAL	MAX	TYPICAL	TYPICAL	MIN.	MIN
LUBPARAFFIN SM 54.5	54.5	< 2.5	3.7	Max 55	+ 25	200
LUBPARAFFIN SM 52.6	52.6	< 7	3.7	36	+ 28	204
LUBPARAFFIN SM 53.5	53.5	< 12	3.7	54	+ 28	204

Note: Values shown here represent approximate specification limits and typical values

LubParaffin Slack Waxes

	CONGEALING POINT °C	% OIL CONTENT	KINEMATIC VISC. @ 100°C CST	NEEDLE PEN. 0.1MM @ 25°C	SAYBOLT COLOR	FLASH POINT °C
	D938	D721	D445	D1321	D156/ D6045	D92
	TYPICAL	MAX	TYPICAL	TYPICAL	MAX	MIN.
LUBPARAFFIN SL 63.9	63.9	< 10	8.3	63	< 1.5	450
LUBPARAFFIN SL 65.3	65.3	< 10	9.3	62	< 2.5	450
LUBPARAFFIN SL 53.5	53.5	< 10	3.7	53	< 1.0	399
LUBPARAFFIN SL 64	64	< 15	7.7	63	< 2.0	450
LUBPARAFFIN SL 70	69.5	< 5	19.1	53	< 6.0	450

Note: Values shown here represent approximate specification limits and typical values.