

A photograph of several lit candles of various colors (yellow, grey, white) on a wooden table. The candles are lit, and their flames are visible. The background is a neutral, light-colored wall. The title "Slack Wax" is overlaid on the bottom half of the image in a large, bold, yellow font.

# Slack Wax

Slack Wax is a mixture between oil and wax resulted from lubricating oil through chilling and distillating process of solvent filter pressing wax at Lubricating Oil Complex, Pertamina Refinery Unit Cilacap. Slack Wax is Produced in liquid form with consist of SPO, DAO, LMO and MMO.

Production capacity: 101.000 Ton per year

Pertamina Slack Wax is marketed domestically and exported to India, China, South Korea, Malaysia and Singapore

### Application

Slack Wax is raw material for microcrystalline wax which used as adhesive for document sealing, candle, cosmetic in the form of cold cream, vanishing cream, emollient cream, protective cream, sun screen cream, lipstick, cream rough, eyebrow pencils, shaving cream, electric insulation, hot melt adhesives, polish, paper cups, lamination, rubber antioxidant and chewing gum.

Slack Wax also used as raw material for carbon paper and for wrapping paper with food grade quality

## Slack Wax Specification

NO.	SPECIFICATION	METHOD	SPO	LMO	MMO	DAO
1	SPECIFIC GRAVITY 70°C	ASTM D - 1298	0.77 - 0.83	0.795-0.85	0.785-0.845	0.825-0.875
2	VISCO KINEMATIC AT 100°C	CST ASTM D - 445	3.100-4.200	4.700-5.700	8.3-9.4	18.5-22.5
3	FALSH POINT PMCC	°C ASTM D - 93	MIN. 145	MIN.200	MIN.220	MIN.240
4	OIL CONTENT	% WT ASTM D - 721	MAX. 28.00	MAX.35	MAX. 40	MAX 20.00
5	MELTING POINT, °C	°C ASTM D - 87	47.0-53.0	53.0-58.0	58-64	69.0-74.0
6	CONGEALING POINT, °C	°C ASTM D - 938	46.0-53.0	53.0-58.0	58-64	69.0-74.0
7	SULFUR CONTENT, % WT	% WT ASTM D - 1552	MAX.0.30	MAX. 0.20	MAX. 0.20	MAX. 0.20
8	COLOR ASTM	ASTM D - 1500	MAX. L 1.0	MAX 1.5	MAX 4.5	MAX 5

