



## TECHNICAL DATA SHEET (TDS) — Slack Wax (Light & Heavy)

**Product Name:** Slack Wax (Light & Heavy Grades)

**Supplier:** Basekim Chemical Production Co., UAE / Turkey

### Product Description

Slack Wax is a refinery intermediate comprising a mixture of paraffin wax and oil fractions. It comes in Light and Heavy grades, differentiated by oil content, melting point, hardness, and its hydrocarbon molecular weight distribution. It is used as feedstock for making refined wax, candles, polishes, adhesives, rust-protectives, cable filling compounds, boards, moisture barriers, etc. [Basekim](#)

### Typical Applications

- Raw material for refining into paraffin wax
- Candles, match heads, firelighters
- Cable filling compounds
- Particle board, medium density fiberboard (MDF) bonding or finishing
- Polishes, wax coatings for wood / metal / paper
- Rust protective coatings / moisture vapor barriers

### Grade Variants & Key Properties

Grade	Oil Content (%)	Melting Point (°C)	Congeeing Point (°C)	Flash Point (molten)	Viscosity @ 100 °C (molten)
BKSW-10	~10-12%	~ 55-57 °C	~ 54-56 °C	~ 230 °C	~ 5 cSt <a href="#">Basekim</a>
BKSW-30	~30-35%	~ 52-55 °C	~ 50-53 °C	~ 230-245 °C	~ 6 cSt <a href="#">Basekim</a>
BKSW-15	~15-17%	~ 54-60 °C	~ 53-58 °C	~ 245 °C	~ 7 cSt <a href="#">Basekim</a>

(\*These are typical values from Basekim's published analysis. Actual batch values should be in your COA.) [Basekim](#)



## Key Performance Benefits

Feature	Benefit
Variable oil content grades	Ability to choose based on desired hardness, melting temp, softness, cost
Light slack wax softness & lower melting point	Easier processing; flexible wax formulations; suitable for candles, coatings
Heavy slack wax higher melting point / hardness	Better for products needing rigidity; coatings, adhesives, polishes
Good melting characteristics & fluidity when molten	Smooth processing; efficient blending; good pour behaviour
Available in multiple packaging options	Flexibility in logistics (drums, bags, jumbo bags, ISO/flexi tanks) <a href="#">Basekim</a>

## Physical & Performance Specifications (Typical)

Property	Light Slack Wax	Heavy Slack Wax
Appearance (solid)	Softer, more translucent	Harder, more opaque
Odor	Mild petroleum wax odor	
Oil Content (%)	Light: ~5-15%; Heavy: lower oil content (or could be overlapping depending on grade)	
Melting Point (°C)	Light: ~50-55 °C; Heavy: ~55-70 °C depending on grade	
Congeaing / Solidification Point (°C)	Slightly lower than melting point; e.g. Light slack ~50-55, Heavy ~54-58	
Flash Point (molten)	~ 230-245 °C	
Viscosity @ 100 °C	~ 5-7 cSt depending on oil content grade	
Color	Yellow to light brown depending on refining	

## Packaging & Supply Forms

- Drum (e.g. ~180-200 kg steel drums)
- Bags (≈ 50 kg)
- Jumbo bags (1,000 kg)
- ISO tanks / Flexi tanks for large volumes [Basekim](#)



## Storage & Handling Recommendations

- Store in cool, dry place; avoid direct sunlight and heat sources to prevent melting or softening.
- Keep packaging sealed to prevent dust, moisture, oxidation / contamination.
- When melting, use controlled heating; avoid overheating. Use appropriate equipment.
- Use PPE when handling molten wax (gloves, protection against burns).

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## Quality & Testing / Batch-Specific Data

Each batch should come with a **Certificate of Analysis** including (but not limited to):

- Oil content (%)
- Melting point / Softening point
- Congealing point
- Flash point (molten)
- Viscosity at 100 °C (molten)
- Color / appearance
- Impurities / residual unsaturates or aromatics (if relevant)