

# Sasolwax H5 Fischer-Tropsch Hard Wax for PVC Processing



**SASOL**

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Sasol's Fischer-Tropsch hard waxes are synthetically produced by using gas-to-liquids (GTL) technology, in which Sasol is globally recognised as a commercial and technical pioneer. The GTL process uses natural gas to produce premium Fischer-Tropsch hard waxes.

**Sasolwax H5** has been widely proven in the industry as being an excellent external lubricant for use during PVC processing. The linear molecule structure and the low viscosity of **Sasolwax H5** ensure ideal processing of the PVC material by:

- Efficiently controlling the fusion of PVC by increasing the fusion time and reducing the fusion torque
- Providing a metal release effect by preventing the PVC melt from sticking on the metal surface
- Allowing for exceptional consistency in batch processes
- Reducing the formation of hot spots resulting in thermal degradation
- Improving surface gloss
- Reducing energy consumption
- Increasing production yield, reduces scrap

## Available forms of supply

SUPPLY FORMS	20 KG BAG	600 KG BAG
Coarse powder	•	
Pastilles		•

WAX PROPERTIES	UNITS	TEST METHOD	SPECIFICATION	TYPICAL VALUES
Congealing point	°C	ASTM D 938	95 – 103	101
Drop melting point	°C	ASTM D 3954	–	113
Brookfield viscosity at 135°C	cP	Sasol Wax 011	–	12
Penetration at 25 °C	0.1 mm	ASTM D 1321	1 max	1
Penetration at 65 °C	0.1 mm	ASTM D 1321	–	11
Colour	ASTM	Sasol Wax 037	–	3.0
Oil content	mass %	ASTM D 721	–	< 0.2
MIBK solubles	mass %	Sasol Wax 024	–	0.1
Molecular weight	Dalton	–	–	1110

The specifications of **Sasolwax H5** are secured through our highly developed production technology. The management system including production is certified according to ISO 9001, ISO 14001 and OHSAS 18001.

**Sasolwax H5** complies with the following regulations:

- **FDA CFR 21:**

§175.105 “Adhesives”

§177.1390 “Laminate structures for use at temperatures of 250 °F and above”

### Sasol Performance Chemicals

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