



# HARWICK

## STANDARD

ISO 9001-2015 REGISTERED

## Technical Data Sheet

### Stan-Wax 165

Stan-Wax 165 is a synthetic paraffin made via the Fischer Tropsch process, with a melt point of 72 °C (162 °F). The product form is small, flat beads. Packaging is 50 lb kraft-paper bags, 2,000 lbs per pallet. Supersacks are available upon request and minimum volume. Target applications are PVC, rubber, and plastics formulating. Addition of Stan-Wax 165 in the range of 0.5-2.0% is effective for improved processing and metal release. Stan-Wax 165 behaves as a typical paraffin in all other dimensions, suitable for candle making, investment casting formulas, etc.

### TYPICAL PROPERTIES

<u>Test Method</u>	<u>Ingredient Property</u>	<u>Requirement (typical data)</u>
	Chemical Type	Synthetic paraffin wax (Fischer Tropsch)
ASTM D938	Congealing Point, °F (°C)	Typ. 70-72
ASTM D5442	Kinematic Carbon Number	96 % C26-C50
	Distribution of Normal Hydrocarbons	2 % C26 and below 0.7 % above C50 0 % above C85
ASTM D5442	Non-normal paraffin	12 %
ASTM D1321	Needle Penetration (77°F) at 25°C	Typ. 10-13 1/10 mm
ASTM D721	Oil Content	Typ. 0.3-0.5%
ASTM D92	Flash Point, °F (°C); ASTM D92	Typ. 255°C
ASTM D156	Color (Saybolt)	Typ. +30
ASTM D1386	Acid Number	Typ. <0.02 mgKOH/g
ASTM D792	Density, g/cm <sup>3</sup>	Typ. 0.931

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