



NEODENE™ 26+

TECHNICAL DATASHEET

Higher Olefins

Updated: December 2019

SICC Product Code: V1472

Description:

- NEODENE 26+ Alpha Olefin consists of a broad range of alpha olefins, manufactured from ethylene using the Shell Higher Olefins Process (SHOP). It can be used in a variety of applications, but it is primarily used in wax and wax-like applications such as candles, board sizing, packaging, emulsions, PVC additives, hot melt adhesives, chloro-paraffins, petroleum jellies, coatings, inks, de-dust, and fertilizer coatings.

	Property	Unit	Value	Method
Typical Physical Properties ^a	Congealing Point	°C / °F	59 / 138	ASTM D938
	Penetration at 25°C / 77°F	1/10mm	12	ASTM D1321
	Flash Point (COC)	°C / °F	233 / 451	ASTM D92
	Kinematic Viscosity at 100°C / 212°F	mm ² /s	4.5	ASTM D445
	Oil Content	%	4	ASTM D721
	FDA Purity Requirement	-	Pass	21 CFR 172.886 (b), 172.888 (b), 178.3710 (b)
	Density at 80°C/176°F	kg/m ³	777	ASTM D4052
	Appearance		Clear and Bright	ASTM D4176
	Saybolt Color at 90°C/194°F		+24	ASTM D6045

Purity Requirement - FDA is based on testing this olefinic wax to the UV absorbance limits as specified in 21 CFR 172.886 for paraffinic petroleum waxes.

Storage and Handling

Advice on the storage and handling of NEODENE and SHOP Alpha Olefins can be found in the Safety Data Sheet on our website at www.shell.com/chemicals/sds or by contacting your local Shell Chemicals Representative.

Emergency Helpline

For emergency telephone numbers refer to the Safety Data Sheet relevant for your company's country and language.

Shell Warranties

The expression 'Shell Chemicals' refers to the companies of Royal Dutch /Shell Group which are engaged in chemical businesses. Each of the companies which make up the Royal Dutch / Shell Group of companies is an independent entity and has its own separate identity.

The information contained in this publication is to the best of our knowledge, true and accurate, but any recommendations or suggestions that may be made are without guarantee, since the conditions of use are beyond our control. Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents covering any material or its use.

NEODENE is a Shell trademark.