

Technical Data Sheet: **NORSOLENE® A-90**

NORSOLENE® HYDROCARBON RESINS

DESCRIPTION

Norsolene® A-90 is a light colored, low odor aliphatic/aromatic resin that is produced through a unique continuous process.

PRODUCT HIGHLIGHTS

Excellent wear resistance
Good cold shock resistance
Hydrophobic/hydrophilic balance
Stain resistance
Typical filler characteristics

PERFORMANCE PROPERTIES

Elastomer Compatibility
EVA Compatibility
Good Heat Stability @72 hr.
White Spirit Solubility

SUGGESTED APPLICATIONS

Adhesives
Adhesives, hot melt
Coatings
Paints
Rubber & Plastics
Sealants

REGULATORY STATUS

TSCA
EINECS

CAS Number

68478-07-9

NORSOLENE® A-90 TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Yellow solid
Ash Content, wt. %	<0.1
Cloud Point (1:1:1 resin/EVA/wax), °C	70
Color Gardner in 50% toluene	5.6
Flash Point, COC, °F	>480
Softening Point, R&B, °C	97
Specific Gravity, 20/20 °C	1.07
Tg, °C	46.4

FDA STATUS

NORSOLENE® A-90 is cleared under the following FDA regulations as they apply to the use of petroleum hydrocarbon resins in specific food packaging applications. However, it is the responsibility of the user to ensure that the final product composition, which contains our NORSOLENE A-90, is produced in accordance with "good manufacturing practices" and meets all the provisions and limitations of the relevant regulations.

These regulations are:

21.CFR:

175.105	Adhesives
177.2600	Rubber Articles
178.3800	Preservatives for Wood

* Subject to limitations