

PARAFOL 22-95 Paraffin



SASOL

Technical Data Sheet

Description

PARAFOL 22-95 Paraffin is a single cut, high purity linear paraffin available from renewable resources. PARAFOL single cut paraffins are an alternative choice for solvents, oils or wax additives for environmentally friendly formulation concepts.

The performance profile of PARAFOL single cut paraffins is characterized by: sharp melting profiles, adjustable melting points by chain length in the desired temperature range, high latent heat of fusion, non-tendency to segregation, chemical inertness, non-corrosiveness to conventional materials, non-degradation throughout melt/freeze cycles, non-tendency to supercooling.

Applications

PARAFOL 22-95 Paraffin may be used in a wide array of applications including: cosmetics, solvents and latent heat storage for construction, solar energy, automotive, functional textile, medical therapy, bedding and cooling. It may also be used in metalworking, paints, inks, coatings and adhesives applications.

Properties

Typical physical properties are listed in the table to the right. Actual properties will vary from lot to lot.

Contact information

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Typical properties	PARAFOL 22-95
Total paraffin, wt%	97.0 min.
nC20	2.0 max.
isoC22	2.5 max.
nC22	95.0 min.
nC24	2.0 max.
Chemical name	n-docosane
Source	oleochemical
Appearance, room temperature	colorless solid
Color, Hazen	20 max.
Onset temperature, °C (°F)	40 - 43 (104 - 109)
Latent heat, J/g	220 min.
Average Molecular Weight, g/mol	310
Color, APHA	20 max.
Flash Point, °C (°F)	184 (363)
Density, g/mL @ 60°C/ 140°F	0.768
Viscosity, mPas @ 60°C/ 140°F	3.4
EINECS	211-121-5
CAS Number	629-97-0

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