

PARAFOL 12 RSPO-MB



SASOL

Technical Data Sheet

Description

PARAFOL 12 RSPO-MB 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 and non-tendency to supercooling.

Applications

PARAFOL 12 PSPO-MB 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 12 RSPO-MB
Total paraffin, wt%	98.0 min.
nC10	1.0 max.
isoC12	1.5 max.
nC12	97.0 min.
nC14	1.0 max.
Chemical name	n-dodecane
Source	oleochemical
Appearance, room temperature	clear, colorless liquid
Color, Hazen	20 max.
Onset temperature, °C (°F)	-10.5 (13)
Latent heat, J/g	210 min.
Average Molecular Weight, g/mol	170
Color, APHA	20 max.
Boiling Point, °C (°F)	216 (421)
Flash Point, °C (°F)	84 (183)
Kauri Butanol Value	15
Density, g/mL @ 20°C/ 68°F	0.749
Viscosity , mPas @ 20°C/ 68°F	1.5
EINECS	203-967-9
CAS Number	112-40-3

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