



PETRONAS

PETRONAS INA-9

PETRONAS CHEMICALS GROUP BERHAD
Chemistry For Growth



PETRONAS

PETRONAS INA-9

(Isononanol)

is a clear, high boiling oily liquid with a faint characteristic odour.

A key feedstock for higher molecular weight plasticisers.

Grades

PRODUCT PROPERTIES*	VALUES	UNITS	TEST METHODS
Isomeric Nonanols Content	99.0 min.	% by area	DIN 55685
Water Content	0.1 max.	% by area	DIN 51777, part 1 E203
Color	10 max.	Pt-Co	DIN EN ISO 6271-2 / D 5386
Acid Value	0.1 max.	mg KOH/g	DIN EN ISO 2114 / D 1045
Molecular Weight	144.26	g/mol	-
Boiling Point Range @ 1013hPa (96% by vol: 1 - 97 ml)	195 - 203	°C	DIN 51751: ASTM D 1078
Melting/Crystallising Point	<-50	°C	DIN 51007 BASF-modified
Density @ 20°C	0.8335	g/cm ³	DIN 53217
Dynamic Viscosity @ 20°C	12.95	mPa.s	DIN 51562
Refractive Index @ 20°C	1.4353	-	-
Surface Tension @ 20°C	28	mN/m	DIN EN 14370

*These properties are typical but do not constitute specifications.

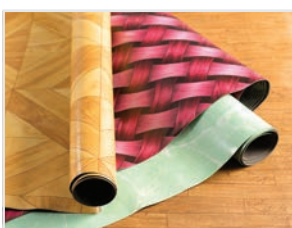
Key Benefits

PRODUCT	KEY BENEFITS
INA-9	Isononanol (INA) is a C9 oxo-alcohol; a common feedstock for the production of higher molecular weight plasticisers like DINP, DINCH, DINA and TINTM. It offers good permanency, low volatility, good toxicological profile and low temperature performance.

Product Applications



Wire and Cable



Flooring Mat



Films & Sheet



Industrial Gloves