

ALIPHATIC HYDROCARBON SOLVENTS

Typical values ✓

PROPERTIES	UNITS	METHODS	SOLANE 60-95	SOLANE C	SOLANE 80-110	SOLANE 100-140 HN	SOLANE 100-160
DENSITY AT 15°C (59°F)	kg/m ³	ISO 12185	676	704	695	731	765
SAYBOLT COLOR	Saybolt color unit	ASTM D156	+30	+30	+30	+30	+30
BOILING RANGE: INITIAL POINT	°C (°F)	ASTM D86	62 (144)	71 (160)	84 (183)	102 (216)	124 (255)
FINAL POINT			92 (198)	89 (192)	107 (225)	138 (280)	157 (315)
FLASH POINT: ABEL	°C (°F)	ISO 13736	< -35 (< -31)	-30 (-31)	-22 (-8)	-7 (18)	14 (57)
EVAPORATION RATE	Ether = 1	DIN 53170	2	2	3	6	11
	nBuAc = 1	ASTM D3539	0.2	0.3	0.3	0.5	1
AROMATIC CONTENT	mg/kg (ppm)	UV Internal method	< 20	< 20	< 20	< 20	<20
N-HEXANE CONTENT	% masse	GC Internal method	1.1	30	0.2	0.03	0.03
BENZENE CONTENT	mg/kg (ppm)	ASTM D6229	< 1	< 1	< 1	< 1	<1
SULPHUR CONTENT	mg/kg (ppm)	ASTM D5453	< 1	< 1	< 1	< 1	<1
ANILINE POINT	°C (°F)	ASTM D611	70 (158)	57 (135)	68 (154)	61 (142)	59 (138)
PARAMETERS HANSEN	Dispersion force D (MPa ^{1/2})		16.40	16.40	14.20	-	-
	Polar force δ P (MPa ^{1/2})		2.23	2.23	4.22	-	-
	Hydrogen bonding force δ H (MPa ^{1/2})		4.10	4.10	0.72	-	-
VAPEUR PRESSURE AT 20°C (68°F)	kPa	Calculated	14	13	7	3	1
VISCOSITY AT 20°C (68°F)	mm ² /s	ASTM D445	0.5	0.6	0.6	0.7	1

CARBON CHAIN LENGTH	C6 - C7	C6 - C7	C7	C7 - C9	C7 - C9
C.A.S. NUMBER	64742-49-0 (R)	64742-49-0 (R)	64742-49-0 (R)	64742-49-0 (R)	64742-48-9 (R)
EC NUMBER	921-024-6	924-168-8	927-510-4	920-750-0	920-750-0

Data provided in this table is issued in good faith to the best of our knowledge, but no warranty, expressed or implied is given.
R: Related C.A.S. number