

CYCLICAL SOLANE

CYCLO-ALIPHATIC HYDROCARBON SOLVENTS

Typical values ✓

PROPERTIES	UNITS	METHODS	SOLANE CYCLOPENTANE	SOLANE CYCLOHEXANE	SOLANE METHYLCYCLOHEXANE
DENSITY AT 15°C (59°F)	kg/m ³	ISO 12185	748	782	774
COLOR PT/CO	Hazen	ASTM D1209	6.5	5.8	< 5
BOILING RANGE: INITIAL POINT		ASTM D86	49 (120)	-	101 (214)
FINAL POINT	°C (°F)		50 (122)	-	102 (216)
RANGE (PI/PF)			ASTM D 1078	-	0.1 (32.2)
FLASH POINT: ABEL	°C (°F)	ISO 13736	< -35 (< -31)	< -15 (< 5)	< -13 (< 9)
EVAPORATION RATE	Ether = 1	DIN 53170	1	2	3
	nBuAc = 1	ASTM D3539	-	0.5	0.5
AROMATIC CONTENT	mg/kg (ppm)	UV internal method	< 20	< 20	< 20
CYCLOPARAFFIN CONTENT	% masse	GC - MS	97.8	99.98	99.8
BENZENE CONTENT	mg/kg (ppm)	ASTM D6229	< 1	< 1	< 1
SULPHUR CONTENT	mg/kg (ppm)	ASTM D5453	< 1	< 1	< 1
ANILINE POINT	°C (°F)	ASTM D611	20 (68)	30 (86)	39 (102)
PARAMETERS HANSEN	Dispersion force δ_D (MPa ^{1/2})		-	16.8	16
	Polar force δ_P (MPa ^{1/2})		-	0	0
	Hydrogen bonding force δ_H (MPa ^{1/2})		-	0.2	1
VAPEUR PRESSURE AT 20°C (68°F)	kPa	Calculated	35	10	5
VISCOSITY AT 20°C (68°F)	mm ² /s	ASTM D445	0.6	1.3	0.95
CARBON CHAIN LENGTH HSAP			C5	C6	C7 - C8
C.A.S. NUMBER			287-92-3	110-82-7	108-87-2 (R)
EC NUMBER			206-016-6	203-806-2	927-033-1

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