

# ISANE BioLife

## RENEWABLE ISOPARAFFINS

Typical values ✓

PROPERTIES	UNITS	METHODS	ISANE BioLife 120	ISANE BioLife 175	ISANE BioLife 210	ISANE BioLife 250	ISANE BioLife 260	ISANE BioLife 270	ISANE BioLife 290
DENSITY AT 15°C (59°F)	kg/m <sup>3</sup>	ISO 12185	735	752	764	776	780	782	787
SAYBOLT COLOR	Unit Saybolt Color	ASTM D156	30	30	30	30	30	30	30
BOILING RANGE: INITIAL POINT	°C (°F)	ASTM D86	120 (248)	180 (356)	210 (410)	244 (471)	259 (498)	265 (509)	290 (554)
FINAL POINT			190 (374)	215 (419)	244 (471)	269 (516)	289 (552)	310 (590)	320 (608)
FLASH POINT	°C (°F)	ASTM D93	31 (88)	64 (147)	84 (183)	116 (241)	126 (259)	130 (266)	145 (293)
AROMATIC CONTENT	mg/kg (ppm)	UV Internal method	<20	<20	<20	<20	<20	<20	<20
BENZENE CONTENT	mg/kg (ppm)	ASTM D6229	<1	<1	<1	<1	<1	<1	<1
SULPHUR CONTENT	mg/kg (ppm)	ASTM D5453	<1	<1	<1	<1	<1	<1	<1
ANILINE POINT	°C (°F)	ASTM D611	75 (165)	81 (178)	87 (189)	93 (199)	95 (203)	97 (207)	99 (210)
KAURI BUTANOL	KB Unit	ASTM D1133	29	26	22	22	21	19	19
EVAPORATION RATE	Ether=1	DIN 53170	>120	>120	>120	>120	>120	>120	>120
VAPOR PRESSURE AT 20°C (68°F)	kPa	Calculated	0.304	0.046	0.01	0.002	0.001	0.001	0.001
SURFACE TENSION AT 20°C (68°F)	mN/m	NF EN 14370	28.4	27.1	25.9	24.2	22.9	23.1	27.7
VISCOSITY AT 40°C (104°F)	mm <sup>2</sup> /s	ASTM D445	0.82	1.17	1.61	2.5	3.0	3.4	3.9
POUR POINT	°C (°F)	ASTM D97	-70 (-94)	-66 (-87)	-54 (-65)	-70 (-94)	-60 (-76)	-50 (-58)	-45 (-49)

TotalEnergies Fluids SAS - Head office: Tour Coupole, 2 place Jean Miller La Défense 6 - 92078 Paris La Défense Cedex  
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