

© Wacker - Silicone Coolant

Test Items	Unit	Test methods	HELISOL® EC 908	HELISOL® EC508 HF	HELISOL® EC 408	SLM 28024-H3
Viscosity	mPa·s	ASTM D2983	9.8 (25℃)	6.26 (25℃)	4.54 (25℃)	30.02 (25℃)
Heat capacity	J/kg·K	ASTM E1269	1850 (36.8℃)	1780 (36.8℃)	1890 (36.8℃)	1780 (36.8℃)
Kinematic viscosity	mm²/S	ASTM D445-24	7.85 (40℃)	4.94(40℃)	3.84 (40℃)	21.93 (40℃)
Flash point	℃	ASTM D92-18 (open cup)	202	181	160	304
Density	g/cm³	GB/T 6750-2007	0.86	0.86	0.86	0.92
Ignition point	℃	GB/T 3536-2008	225	190	176	336
Pour point	℃	ASTM D97-17b	-44	<-60	<-60	<-15
Dk (@10/24GHz)		Resonant cavity method	2.2624/2.2017	2.2794/2.2167	2.2853/2.2267	2.5163
Thermal conductivity	W/m·K	NETZSCH LFA transient method	0.141 (36.8℃)	0.151 (36.8℃)	0.144 (40℃)	0.180 (36.8℃)
FOM1	-	OCP calculation	49.2 (36.8℃)	58.1 (36.8℃)	54.9 (36.8℃)	-