PCB Capability in TOP ELECTRONIC (SZ)Co., ltd

Feature	Standar	Our factory
Maximum Layer count	20	28
Board thickness (MAX)	0.125"[3.2mm]	0.236inch (6.0mm)
Board thickness (MIN)	0.008"[0.20mm]	0.004"[0.10mm]
Minimum mechancial drill size	0.008"[0.20mm]	0.004"[0.10mm]
Maximum copper weight	5 oz [178um]	8 oz [285um]
Minimum copper weight	1/3 oz [12um]	1/4 oz [9um]
Minimum dielectric thickness	0.0025"[64μm]	0.0015"[38μm]
Solder Mask Registration	+/ - 0.002"[50μm]	+/ - 0.0015"[38μm]
Tolerance on overall dimensions	+/ - 0.004"[100μm]	+/ - 0.002"[50μm]
Materials	**Standar**	**Our factory**
FR4 (130 - 180 Tg by DSC)	Y	Y
Aluminum Core	Y	Y
Nelco 4000	Y	Y
Dupont Pyralux	Y	Y
Rogers 4000	Y	Y
PTFE	Y	Y
Dupont Pyralux	N	Y
Surface Finishes	**Standar**	**Our factory**
ENIG	Y	Y
Flash Gold	Y	Y
OSP	Y	Y
HASL	Y	Y
Immersion Ag	Y	Y
Immersion Tin	Y	Y
Electrolytic Nickel/Hard Gold	N	Y
Carbin Ink	Y	Y

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