


































































Si3N4 Color Chart for LPCVD grown silicon nitride

Nitride Thickness [Å]	COLOR	COLOR NAME
375		Tan
562.5		Brown
750		Dark Violet to red violet
937.5		Royal blue
1125		Light blue to metallic blue
1312.5		Metallic to very light yellow-green
1500		Light gold or yellow slightly metallic
1687.5		Gold with slight yellow-orange
1875		Orange to Melon
2062.5		Red-Violet
2250		Blue to violet-blue
2325		Blue
2437.5		Blue to blue-green
2587.5		Light green
2625		Green to yellow-green
2737.5		Yellow-green
2812.5		Green-yellow
2925		Yellow.
3090		Light orange
3195		Carnation pink
3322.5		Violet-red
3487.5		Red-violet
3570		Violet
3600		Blue Violet
3697.5		Blue
3765		Blue-green
3900		Green (Broad)
4050		Yellow-green
4200		Green-yellow
4305		Yellow to Yellowish (not yellow but is in the position where yellow is to be expected. At times is appears to be light creamy gray or metallic)
4357.5		Light orange or yellow to pink borderline
4500		Carnation pink
4725		Violet-red
5100		Bluish (Not blue but borderline between violet and blue-green. It appears more like a Mixture between violet-red and blue-green and over-all looks grayish.
5400		Blue-green to green (quite broad)
5775		Yellowish
6000		Orange (rather broad for orange)
6150		Salmon
6375		Dull, light red-violet
6490		Violet
6525		Blue-violet
6675		Blue
6900		Blue-green
7125		Dull yellow-green
7225		Yellow to Yellowish
7425		Orange
7500		Carnation Pink
7650		Violet-red
7575		Red-violet
7950		Violet
8025		Blue-violet
8250		Green
8325		Yellow-green
8400		Green
8850		Violet

8925		Red-violet
9075		Violet-red
9300		Carnation Pink-Salmon
9375		Orange
9600		Yellowish
9900		Sky blue to green-blue
10500		Orange
10875		Violet
10950		Blue-violet
11550		Dull Yellow-green