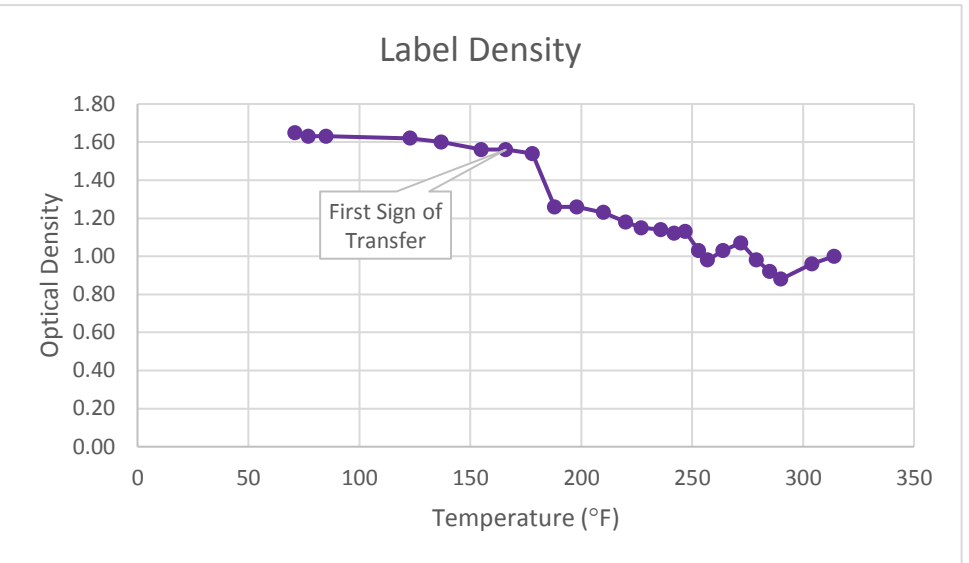
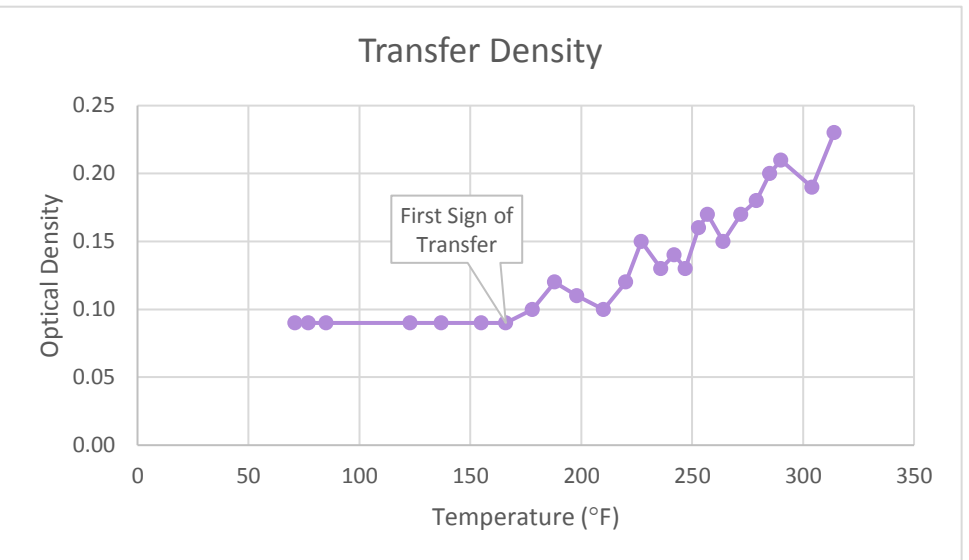
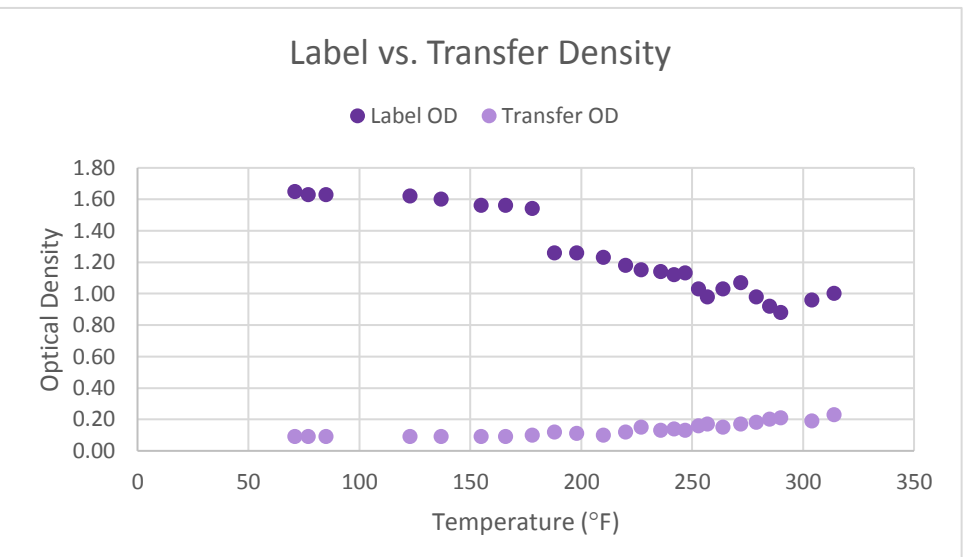
DNP

Thermal Stability

DNP TR4500 Premium Near Edge Wax/Resin

	Temp. (°F)	Label OD	Transfer OD
Control/Room Temp.	71	1.65	0.09
	77	1.63	0.09
	85	1.63	0.09
	123	1.62	0.09
	137	1.60	0.09
	155	1.56	0.09
First Sign of Transfer	166	1.56	0.09
	178	1.54	0.10
	188	1.26	0.12
	198	1.26	0.11
	210	1.23	0.10
	220	1.18	0.12
	227	1.15	0.15
	236	1.14	0.13
	242	1.12	0.14
	247	1.13	0.13
	253	1.03	0.16
	257	0.98	0.17
	264	1.03	0.15
	272	1.07	0.17
	279	0.98	0.18
	285	0.92	0.20
	290	0.88	0.21
	304	0.96	0.19
	314	1.00	0.23

Procedure	Fold paper in half; Mount label on paper
Densitometer	X-Rite SpectroDensitometer
Print Conditions	
Labelstock:	Kimdura®
Printer:	Novexx 6404
Print Speed:	6 IPS
Print Energy:	35
Labels Printed:	25
Temp Cycle Information	
Temperature:	Reading from heat seal device
Pressure:	19-20 psi (140 kPa)
Paper:	Standard Copy Paper
Time to reach ⇌ temp	Minimal
Sealer Cycle Time:	5 seconds