

Thermal Stability

DNP R390 Near Edge Resin

	Temp. (°F)	Label OD	Transfer OD
Control/Room Temp.	76	1.73	0.10
	89	1.73	0.09
	103	1.69	0.09
	120	1.80	0.09
	134	1.76	0.09
	147	1.74	0.09
	160	1.74	0.09
	173	1.73	0.09
	186	1.71	0.09
	200	1.41	0.10
	212	1.40	0.10
	224	1.40	0.09
	234	1.39	0.09
	245	1.41	0.09
	255	1.42	0.10
	268	1.44	0.10
	279	1.46	0.09
	294	1.43	0.09
	309	1.44	0.09
330	1.47	0.10	
First Sign of Transfer	341	1.50	0.10
	355	1.49	0.10
	366	1.46	0.11
	381	1.50	0.12
	397	1.55	0.13

Procedure	Fold paper in half; Mount label on paper
Densitometer	X-Rite SpectroDensitometer
Print Conditions	
Labelstock:	Top Coated Polyester
Printer:	Novexx 6404
Print Speed:	6 IPS
Print Energy:	45
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

