

# Thermal Stability

## DNP TR4085plus® Resin-Enhanced Wax

	Temp. (°F)	Label OD	Transfer OD
Control/Room Temp.	70	1.98	0.08
	84	1.99	0.08
	100	1.98	0.07
	140	1.95	0.07
	146	1.88	0.07
First Sign of Transfer	150	1.86	0.08
	152	1.88	0.09
	160	1.83	0.11
	162	1.81	0.12
	169	1.83	0.12
	175	1.66	0.14
	182	1.53	0.16
	190	1.34	0.22
	200	1.33	0.22
	205	1.33	0.25
	250	1.37	0.24
	310	1.38	0.24

<b>Procedure</b>	Fold paper in half; Tape lower edge of label onto paper
<b>Densitometer</b>	Macbeth®
<b>Print Conditions</b>	
Labelstock:	Fasson 1C
Printer:	Zebra 140Xi III Plus
Print Speed:	6 IPS
Print Energy:	15
Labels Printed:	20
<b>Temp Cycle Information</b>	
Temperature:	Reading from heat seal device
Pressure:	19-20 psi (140 kPa)
Paper:	Standard Copy Paper
Time to reach = temp.:	Minimal (may need to be included)
Sealer Cycle Time:	5 seconds

