



**thermolam**™

**THERMAL CURE** Powders  
for Heat Sensitive Substrates

## GENERAL PERFORMANCE CHARACTERISTICS

<i>PROPERTY</i>	<i>TEST METHOD</i>	<i>TYPICAL RESULTS</i>
<b>60° Gloss</b>	ASTM D523	3-30
<b>Pencil hardness</b>	ASTM D3363	2H – 3H
<b>Crosshatch adhesion</b>	ASTM D3359	4B – 5B
<b>Solvent resistance</b>	MEK, 50 double rubs	OK
<b>Boiling water</b>	NEMA LD3 3.5	OK
<b>Taber abrasion</b>	NEMA LD3 3.5 CS-10/1000g load	< 70 mg / 1000 cycles
<b>Weatherometer</b>	AATCC, 16E	No significant gloss or color change after 120 hrs

### Clean ability / Stain

<i>PROPERTY</i>	<i>TEST METHOD</i>	<i>TYPICAL RESULTS</i>
10% Providone iodine	NEMA LD3 3.4	No effect
Acetone	NEMA LD3 3.4	Slight gloss reduction
Ethyl alcohol	NEMA LD3 3.4	No effect
Rubbing alcohol	NEMA LD3 3.4	No effect
Household detergent	NEMA LD3 3.4	No effect
Vegetable oil	NEMA LD3 3.4	No effect
Coffee	NEMA LD3 3.4	No effect
Tea	NEMA LD3 3.4	No effect
Milk	NEMA LD3 3.4	No effect
Catsup	NEMA LD3 3.4	No effect
Yellow mustard (curcuma added)	NEMA LD3 3.4	Slight stain
Vinegar	NEMA LD3 3.4	No effect
Red lipstick	NEMA LD3 3.4	No effect
Grape juice	NEMA LD3 3.4	No effect
Ink, black felt tip	NEMA LD3 3.4	No effect
Ink, washable blue	NEMA LD3 3.4	No effect
#2 Pencil	NEMA LD3 3.4	No effect



Powder Coatings