

TYPICAL PROPERTIES



radiance™
Flat Laminates
by OMNOVA Solutions

PRODUCT INFORMATION

Usable Film Widths*	50" (± 0.125")
Film Thickness	8 - 10 mil (0.008" - 0.010") (± 5.0%)
Roll Lengths	500 linear yards

* Actual film width is wider

TYPICAL PROPERTIES COMPARISON

Test Method	Single Ply	Double Ply
Hoffman Scratch	1000 g	1300 g
Burnish	Slight/moderate	Slight/moderate
MEK Double Wipes	> 100	> 50
NEMA Wear	650 cycles	125 cycles
NEMA Cleanability	23** (see below)	23** (see below)
NEMA Ball Impact	> 3000 mm	> 3000 mm

TYPICAL PROPERTIES cont.

Test Method	Result*
Abrasion (ASTM D 1044)	
CS 17 1000 g / 1000 cycles	1.3 mg
CS 10 250 g / 100 cycles	No weight loss
Gloss Retention (LAB 059)	Minimal change
Emboss Retention (LAB 059)	Minimal change
Stress Whitening (LAB 057)	Minimal change
Blocking (LAB 060)	No effect
Crocking (LAB 058/AATCC Method 8)	None
Light Stability (QUV 351/QUV 340)	Minimal change

* Actual value varies depending on selection of color sample.

STAIN RESISTANCE** (See NEMA LD 3-2005 for full description.)

Cleaning Step Description (In order of use)	Staining Agent	Required Cleaning Step to Remove Stain
		Embossed
0 - Removed with water	Distilled Water	0
1 - 25 cycles spray cleaner or sponge	Ethyl Alcohol / Water (50:50)	0
	Acetone	5
2 - 25 cycles baking soda plus spray cleaner on brush	Household Ammonia	0
	Citric Acid 10%	0
3 - Acetone and cotton ball	Vegetable Oil	0
	Coffee	0
4 - Bleach plus cotton ball	Tea	0
	Tomato Ketchup	0
5 - Not removed	Mustard	5
	10% Iodine	4
	Supermarket Stamp Ink	0
	#2 Pencil	2
	Wax Crayon	2
	Black Shoe Polish	5
	Total NEMA Cleanability Score	23

** Actual results may vary depending on color - lighter shades are more susceptible to staining.

Though OMNOVA Laminates can be used in many applications, all laminates are sold with the understanding that customers will make their own independent determination whether a particular laminate has the durability and other performance attributes required for the specific end use laminate application – not all laminates are suitable for all applications.

For the latest designs, more information or to place an order, contact OMNOVA Solutions:
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