

Alpha[®] Plus 600-3.2

RACE TRACKS • OTB PARLORS • ONLINE LOTTERY • SLOT MACHINES • CASINOS

A direct thermal ticket paper optimized for value and resistance characteristics desired by many online lottery applications. In addition to its exceptional press printing performance, this product delivers rich, dark images with standard and high speed printers.

GAMING PRODUCTS



Key Features

- Excellent press printing front and back
- High speed images (up to 10 ips)
- Sharp, high contrast images
- Topcoated for image durability
- Backcoated for excellent handling

Applications

- Online lottery tickets
- Lightweight tickets
- Kiosk applications

Use of Appvion's thermal products in processing, equipment, end-use of other applications for which they were not intended voids all warranties.

*Data listed are preliminary values based on initial production. Final values will be published at a later date.

Appvion has transitioned to the Techkon densitometers, from the Gretag densitometer, on December 3, 2019.

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Data is for reference only. May be subject to alterations.

PRODUCT CHARACTERISTICS

*PRELIMINARY DATA

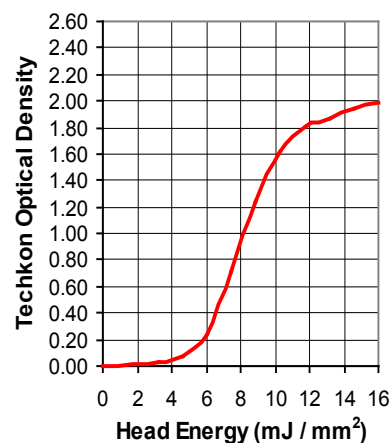
Caliper (mils/ μ m)	3.20 \pm 0.15/81 \pm 3.8
Basis Weight	
17 x 22-500 (lbs)	19.0 \pm 1.0
g/m ²	71.3 \pm 3.6

Thermal Response - Nominal

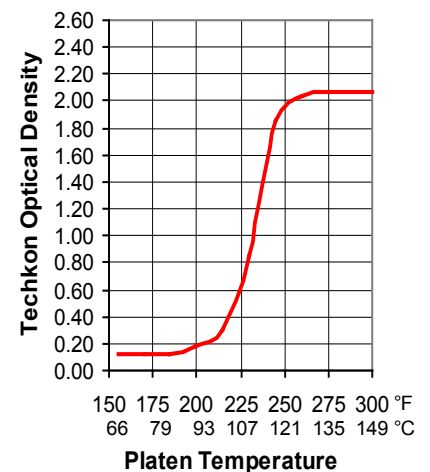
Static ($^{\circ}$ C \pm 5 $^{\circ}$)	
0.2 ODU	96.1
1.0 ODU	110.6
Maximum Density (ODU)	2.07
Temperature Required	149.0
Dynamic -Atlantek 400 (mJ/mm ²)	
0.2 ODU	5.8
1.0 ODU	8.1
Maximum Density (ODU)	1.98
Energy Required	16.0

Brightness (UV Included)	>84.0
Gurley Stiffness Nominal (mg)	MD 83 CD 42
Elmendorf Tear Nominal (g)	MD 48 CD 50
Tensile Nominal (lbs/inch)	MD 30 CD 12
Parker Print Surf	<1.50

Dynamic Sensitivity



Static Sensitivity



APPVION