

Alpha® Plus 600-3.2 E

Gaming Product



Alpha® Plus 600-3.2 E is 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, it delivers rich, dark images with standard and high speed printers.

Key Features

- Made with our EarthChem™ chemistry with no added phenols
- 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

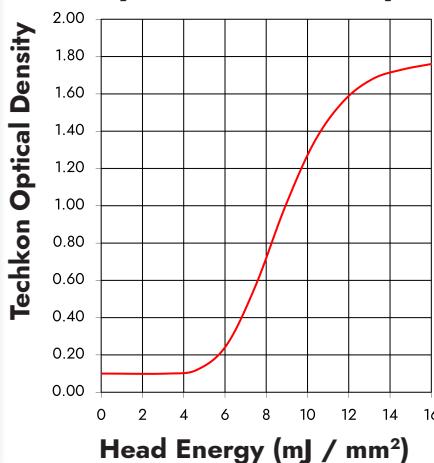
- Online lottery tickets
- Lightweight tickets
- Kiosk applications



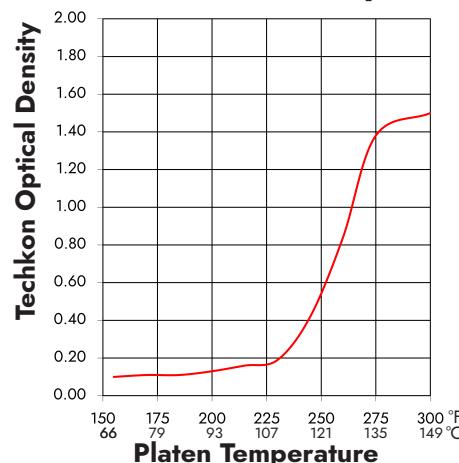
Product Characteristics — Preliminary Data

Caliper	$3.2 \pm 0.15/81.3 \pm 5$
Basis Weight	$17 \times 22-500$ (lbs) g/m^2
Thermal Response - Nominal	19 ± 1.0 71.4 ± 3.6
Static ($^{\circ}C \pm 5^{\circ}$)	
Initial 0.2 ODU	$110^{\circ} C$
Functional 1.0 ODU	$128^{\circ} C$
Maximum 1.5 ODU	$149^{\circ} C$
Dynamic—Atlantek 400 (mJ/mm^2)	
Initial 0.2 ODU	5.8
Functional 1.0 ODU	8.9
Maximum 1.8 ODU	16
Brightness (UV Excluded)	>77
Gurley Stiffness Nominal (mg)	MD 77 CD 35
Elmendorf Tear Nominal (g)	MD 45 CD 50
Tensile (lbs/in)	MD 28 CD 12
Parker Print Surface	<1.6

Dynamic Sensitivity



Static Sensitivity



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