

PolyTherm® 190 - 4.1

Synthetic Label Facestock



PolyTherm® 190-4.1 is a topcoated, synthetic direct thermal label facestock with high-durability and resistance properties, as well as controlled bar width growth for high-energy printers only.

Key Features

- Synthetic base (BOPP film)
- High strength and durability
- Controlled bar width growth
- Water resistance
- Excellent environmental resistance
- Rich, dark images and codes

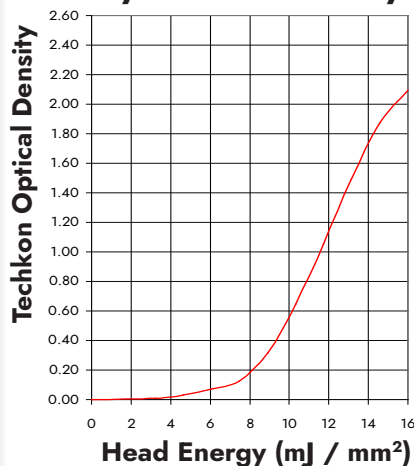
Applications

- Airline baggage tags

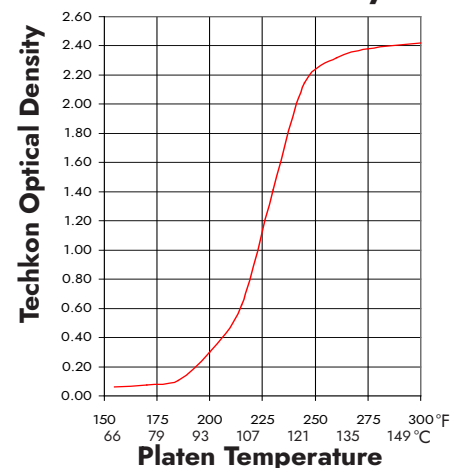
Product Characteristics

Caliper	4.09 ± 0.35/104 ± 10
Basis Weight	
17 x 22–500 (lbs)	21.8 ± 0.8
g/m ²	82.0 ± 3.0
Thermal Response - Nominal	
Static (°C ± 5°)	
Initial 0.2 ODU	88° C
Functional 1.0 ODU	106° C
Maximum 2.4 ODU	149° C
Dynamic—Atlantek 400 (mJ/mm²)	
Initial 0.2 ODU	8.0
Functional 1.0 ODU	11.7
Maximum 2.1 ODU	16.0
Brightness (UV Included)	>83
Gurley Stiffness Nominal (mg)	MD 79 CD 120
Elmendorf Tear Nominal (g)	MD 44 CD 37
Parker Print Surface	<1.10

Dynamic Sensitivity



Static Sensitivity



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