

**Technical Data Sheet**

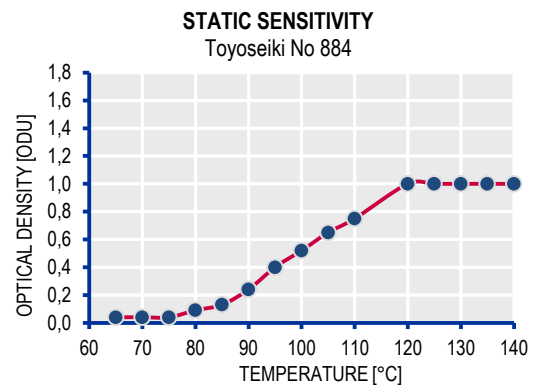
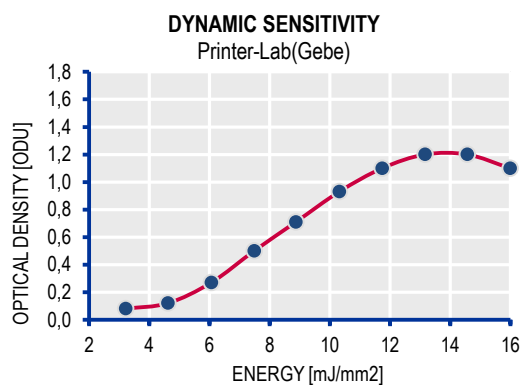

# T 7047

Thermal paper with high image resistance, typically used for premium POS

- > **Sensitivity:** standard
- > **Protective Coating:** without topcoat
- > **Resistance:** good stability against environmental influences
- > **Archivability:** 10 years\*
- > **Special Features:** Phenol-free

Physical Properties	Value	Unit	Test Method
Base Weight	67 ± 5	g/sqm	ISO 536
	17.8 ± 1.3	lbs	17 x 22 - 500
Caliper	75 ± 5	µm	ISO 534
	3.0 ± 0.2	mil	
Smoothness (Bekk)	> 220	sec	ISO 5627
Brightness (R 457)	> 88	%	ISO 2469
Tensile Strength (MD   CD)	> 49   > 14	N/15mm	ISO 1924/2
Opacity	> 89	%	ISO 2471

Resistance	Condition	Image	Contrast
Heat	60°C / 24h	> 90%	> 90%
Humidity	40°C / 90% r.h. / 24h	> 75%	> 75%
Light incl. UV	10,000 kJ / m <sup>2</sup>	> 85%	> 85%
Lanolin hand cream	4h room temp.	> 70%	
Ethanol (25 vol %)	dipped 20min. / 24h room temp.	> 50%	
Plasticizer Tesa Document 57331	24h room temp.	> 45%	
Water	dipped 20min. / 24h room temp.	> 40%	

**Sensitivity**


Densitometer Techkon