

# RX48PF

**Application:** POS receipts, ATM receipts

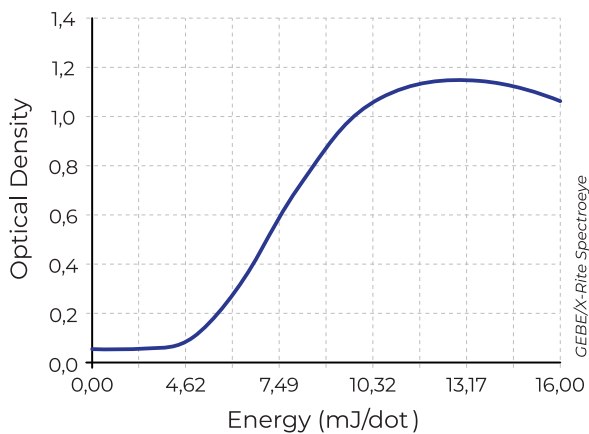
**Description:**

- medium sensitivity
- 10 years durability at correct storage for thermal paper
- improved stability against environmental influences
- produced without using phenols

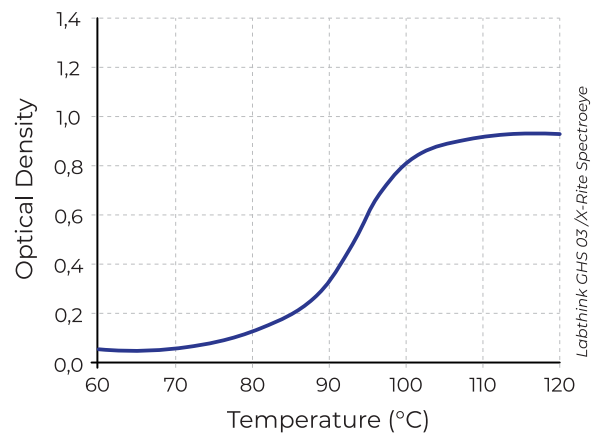
Physical Properties	Value	Test Method
Substance 17 x 22 - 500 sheets	46 g/m <sup>2</sup> ± 4 g/m <sup>2</sup> 12.2 ± 1.1#	ISO 536
Caliper	53 ± 5 µm 2.09 ± 0.20 mils	ISO 534
Smoothness (Bekk, front)	≥ 350 s	ISO 5627
Brightness (front)	≥ 85 %	ISO 2470
Tensile strength MD	≥ 35 N / 15 mm	ISO 1924-2
CD	≥ 12 N / 15 mm	ISO 1924-2
Preservation Properties	Optical density after ageing *	Conditions
Heat resistance	≥ 90 %	24h / 50°C
Moisture resistance	≥ 75 %	24h / 40°C 80% RH
Light resistance	≥ 80 %	24h / 16.000 lux

\* based on maximum optical density

## Dynamic Sensitivity



## Static Sensivity



subject to change without notice  
Revision: 5 / last update 11.21

# RX55FA

**Application:** POS receipts, ATM receipts, Fax paper

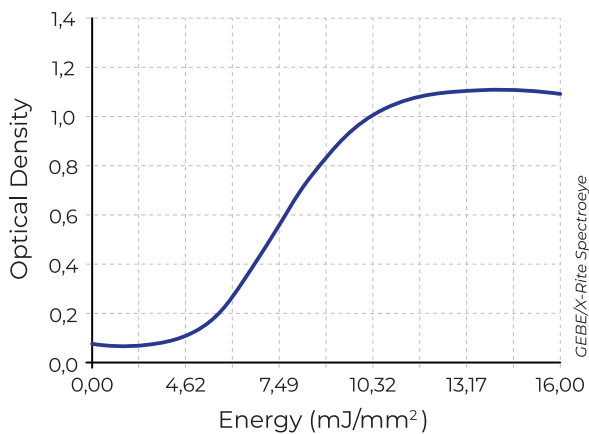
**Description:**

- standard sensitivity
- 10 years durability at correct storage for thermal paper
- improved stability against environmental influences
- bisphenol A (BPA) free

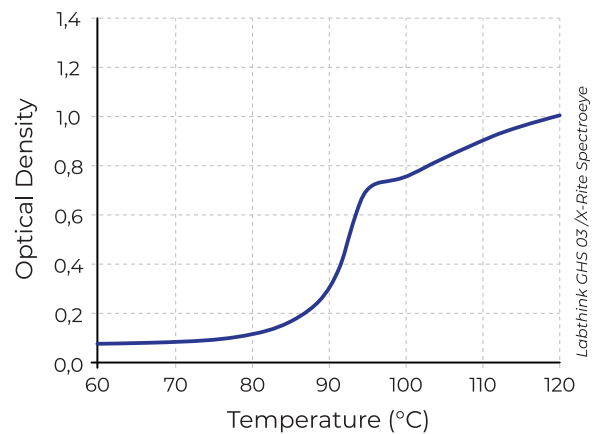
Physical Properties	Value	Test Method
Substance 17 x 22 - 500 sheets	52 g/m <sup>2</sup> ± 4 g/m <sup>2</sup> 13.8 ± 1.1#	ISO 536
Caliper	60 ± 5 µm 2.36 ± 0.20 mils	ISO 534
Smoothness (Bekk, front)	≥ 350 s	ISO 5627
Brightness (front)	≥ 80 %	ISO 2470
Tensile strength MD	≥ 40 N / 15 mm	ISO 1924-2
CD	≥ 15 N / 15 mm	ISO 1924-2
Preservation Properties	Optical density after ageing *	Conditions
Heat resistance	≥ 90 %	24h / 50°C
Moisture resistance	≥ 80 %	24h / 40°C 80% RH
Light resistance	≥ 75 %	24h / 16.000 lux

\* based on maximum optical density

## Dynamic Sensitivity



## Static Sensivity



subject to change without notice  
Revision: 7 / last update 06.21

# RX55PF

**Application:** POS receipts, ATM receipts

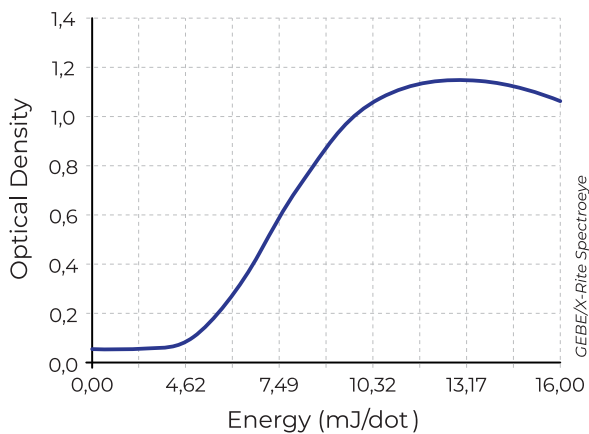
**Description:**

- medium sensitivity
- 10 years durability at correct storage for thermal paper
- improved stability against environmental influences
- produced without using phenols

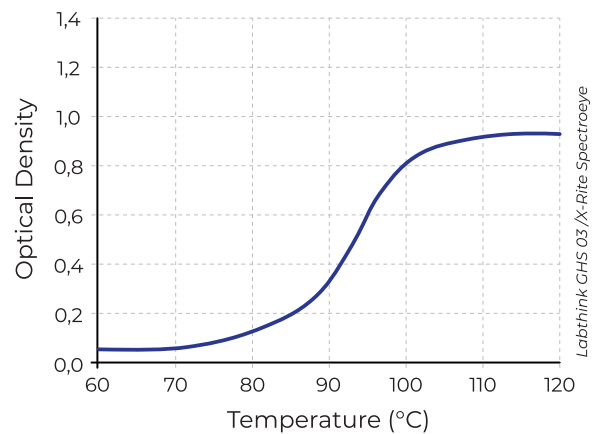
Physical Properties	Value	Test Method
Substance 17 x 22 - 500 sheets	46 g/m <sup>2</sup> ± 4 g/m <sup>2</sup> 12.2 ± 1.1#	ISO 536
Caliper	60 ± 5 µm 2.36 ± 0.20 mils	ISO 534
Smoothness (Bekk, front)	≥ 350 s	ISO 5627
Brightness (front)	≥ 85 %	ISO 2470
Tensile strength MD	≥ 40 N / 15 mm	ISO 1924-2
CD	≥ 15 N / 15 mm	ISO 1924-2
Preservation Properties	Optical density after ageing *	Conditions
Heat resistance	≥ 90 %	24h / 50°C
Moisture resistance	≥ 75 %	24h / 40°C 80% RH
Light resistance	≥ 80 %	24h / 16.000 lux

\* based on maximum optical density

## Dynamic Sensitivity



## Static Sensivity



subject to change without notice  
Revision: 5 / last update 11.21

# RX58FA

**Application:** POS receipts, ATM receipts

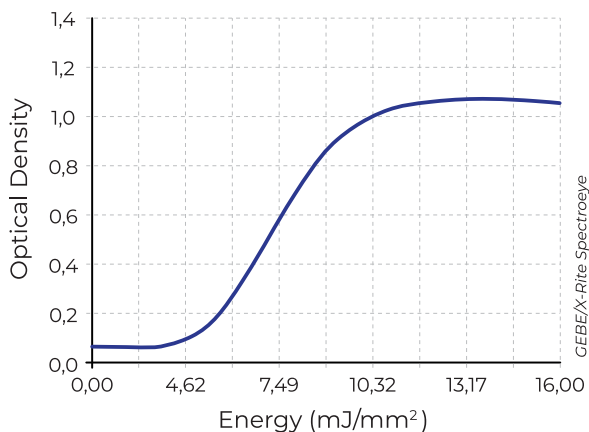
**Description:**

- standard sensitivity
- 10 years durability at correct storage for thermal paper
- improved stability against environmental influences
- bisphenol A (BPA) free

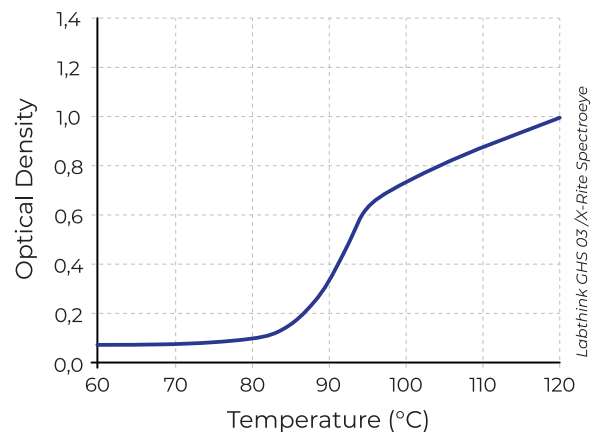
Physical Properties	Value	Test Method
Substance 17 x 22 - 500 sheets	58 g/m <sup>2</sup> ± 4 g/m <sup>2</sup> 15.4 ± 1.1#	ISO 536
Caliper	64 ± 5 µm 2.52 ± 0.20 mils	ISO 534
Smoothness (Bekk, front)	≥ 300 s	ISO 5627
Brightness (front)	≥ 80 %	ISO 2470
Tensile strength MD	≥ 45 N / 15 mm	ISO 1924-2
CD	≥ 20 N / 15 mm	ISO 1924-2
Preservation Properties	Optical density after ageing *	Conditions
Heat resistance	≥ 90 %	24h / 50°C
Moisture resistance	≥ 80 %	24h / 40°C 80% RH
Light resistance	≥ 75 %	24h / 16.000 lux

\* based on maximum optical density

## Dynamic Sensitivity



## Static Sensivity



subject to change without notice  
Revision: 5 / last update 11.21

# RX75FA

**Application:** POS receipts, ATM receipts

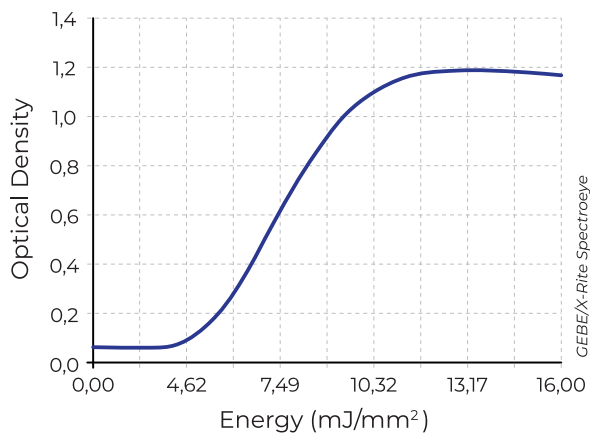
**Description:**

- standard sensitivity
- 10 years durability at correct storage for thermal paper
- improved stability against environmental influences
- bisphenol A (BPA) free

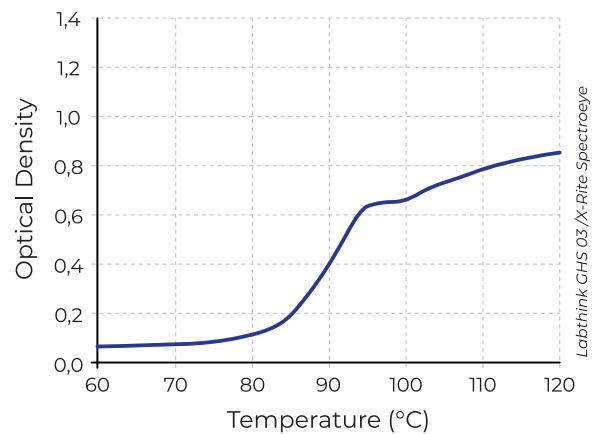
Physical Properties	Value	Test Method
Substance 17 x 22 - 500 sheets	75 g/m <sup>2</sup> ± 4 g/m <sup>2</sup> 19.9 ± 1.1#	ISO 536
Caliper	82 ± 5 µm 3.23 ± 0.20 mils	ISO 534
Smoothness (Bekk, front)	≥ 300 s	ISO 5627
Brightness (front)	≥ 80 %	ISO 2470
Tensile strength MD	≥ 60 N / 15 mm	ISO 1924-2
CD	≥ 30 N / 15 mm	ISO 1924-2
Preservation Properties	Optical density after ageing *	Conditions
Heat resistance	≥ 90 %	24h / 50°C
Moisture resistance	≥ 80 %	24h / 40°C 80% RH
Light resistance	≥ 75 %	24h / 16.000 lux

\* based on maximum optical density

## Dynamic Sensitivity



## Static Sensivity



subject to change without notice  
Revision: 3 / last update 10.21

# RX4852ECO

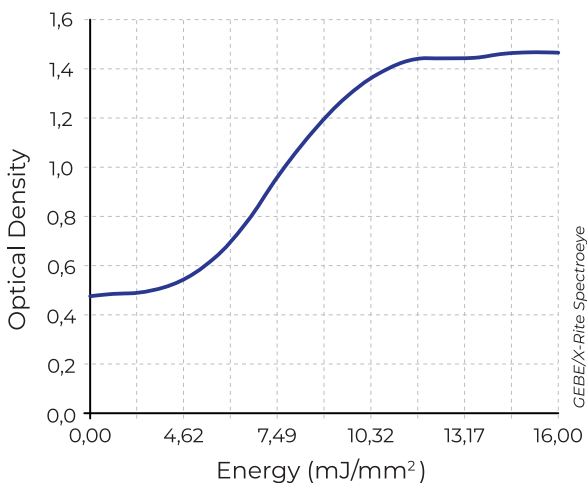
**Application:** POS receipts

- Description:**
- New proprietary technology for thermal paper without using chemicals known as color former or developer
  - Unique blue-grey color
  - Approved for direct food contact
  - Medium sensitivity
  - Very high image stability
  - Minimum 35 years durability (Image will not fade)
  - Recyclable
  - Compatible with common thermal POS printers  
(printer settings according to the manufacturer's recommendation)

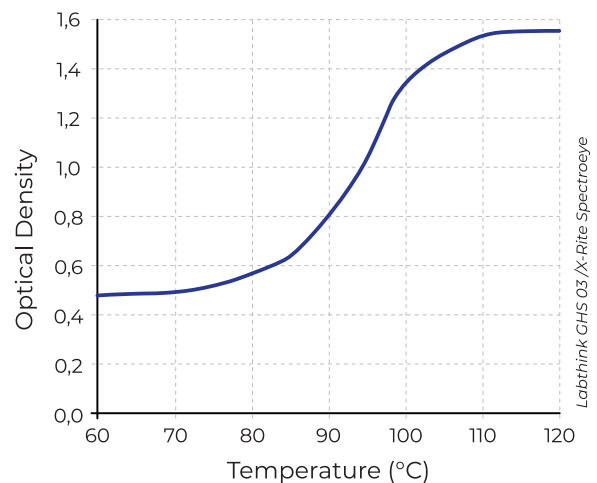
	RollaxEco 48 (Lite)	RollaxEco 52	
<b>Physical Properties</b>	<b>Value</b>		<b>Test Method</b>
Substance	48 g/m <sup>2</sup> ± 4 g/m <sup>2</sup>	52 g/m <sup>2</sup> ± 4 g/m <sup>2</sup>	ISO 536
Caliper	55 ± 5 µm	59 ± 5 µm	ISO 534
Smoothness (Bekk, front)	≥ 350 s		ISO 5627
Tensile strength MD	≥ 35 N / 15 mm	≥ 40 N / 15 mm	ISO 1924-2
CD	≥ 12 N / 15 mm	≥ 15 N / 15 mm	ISO 1924-2
<b>Preservation Properties</b>	<b>Optical density after ageing *</b>		<b>Conditions</b>
Heat resistance	≥ 100 %		24h / 50°C
Moisture resistance	≥ 100 %		24h / 40°C 80% RH
Light resistance	≥ 100 %		24h / 16.000 lux

\* based on maximum optical density

## Dynamic Sensitivity



## Static Sensivity



subject to change without notice  
Revision: 2 / last update 10.21

# RX44FA

**Application:** POS receipts

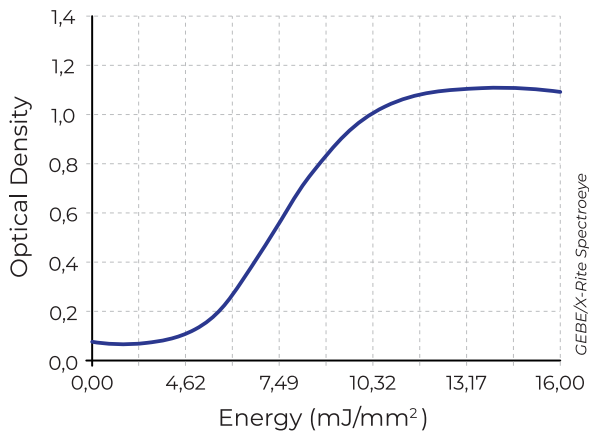
**Description:**

- standard sensitivity
- 10 years durability at correct storage for thermal paper
- improved stability against environmental influences
- bisphenol A (BPA) free

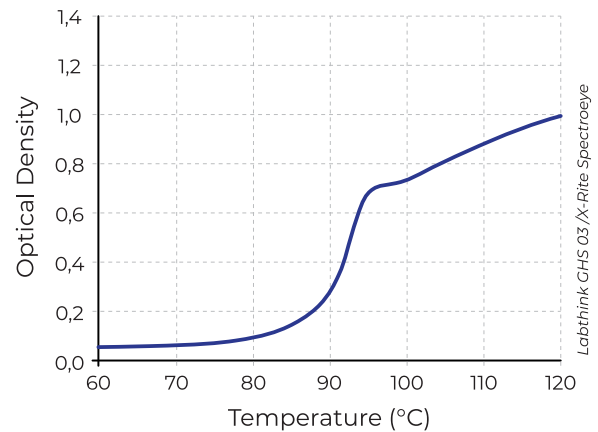
Physical Properties	Value	Test Method
Substance 17 x 22 - 500 sheets	42 g/m <sup>2</sup> ± 4 g/m <sup>2</sup> 11.1 ± 1.1#	ISO 536
Caliper	49 ± 5 µm 1.93 ± 0.20 mils	ISO 534
Smoothness (Bekk, front)	≥ 350 s	ISO 5627
Brightness (front)	≥ 80 %	ISO 2470
Tensile strength MD	≥ 30 N / 15 mm	ISO 1924-2
CD	≥ 10 N / 15 mm	ISO 1924-2
Preservation Properties	Optical density after ageing *	Conditions
Heat resistance	≥ 90 %	24h / 50°C
Moisture resistance	≥ 80 %	24h / 40°C 80% RH
Light resistance	≥ 75 %	24h / 16.000 lux

\* based on maximum optical density

## Dynamic Sensitivity



## Static Sensivity



subject to change without notice  
Revision: 3 / last update 06.21

# RX44PF

**Application:** POS receipts

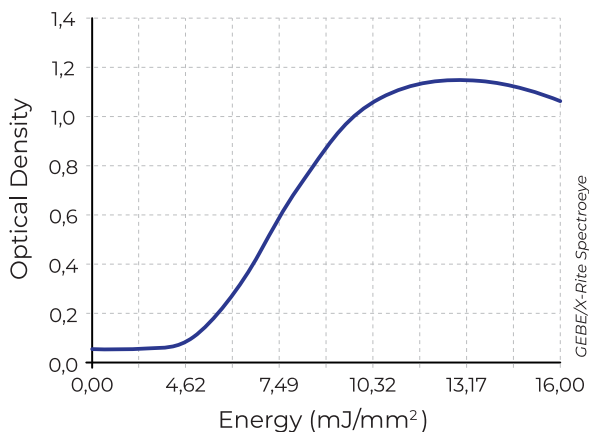
**Description:**

- medium sensitivity
- 10 years durability at correct storage for thermal paper
- improved stability against environmental influences
- produced without using phenols

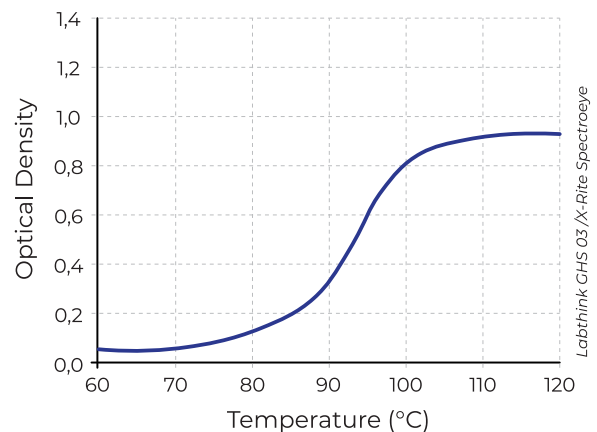
Physical Properties	Value	Test Method
Substance 17 x 22 - 500 sheets	42 g/m <sup>2</sup> ± 4 g/m <sup>2</sup> 11.1 ± 1.1#	ISO 536
Caliper	49 ± 5 µm 1.93 ± 0.20 mils	ISO 534
Smoothness (Bekk, front)	≥ 350 s	ISO 5627
Brightness (front)	≥ 85 %	ISO 2470
Tensile strength MD	≥ 30 N / 15 mm	ISO 1924-2
CD	≥ 10 N / 15 mm	ISO 1924-2
Preservation Properties	Optical density after ageing *	Conditions
Heat resistance	≥ 90 %	24h / 50°C
Moisture resistance	≥ 75 %	24h / 40°C 80% RH
Light resistance	≥ 80 %	24h / 16.000 lux

\* based on maximum optical density

## Dynamic Sensitivity



## Static Sensivity



subject to change without notice  
Revision: 2 / last update 11.21



# RX48FA

**Application:** POS receipts, ATM receipts

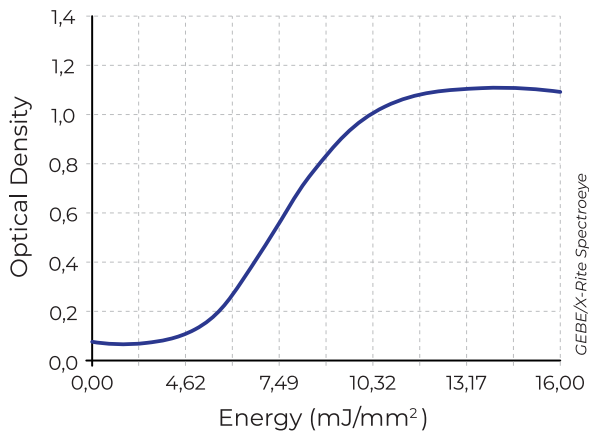
**Description:**

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- 10 years durability at correct storage for thermal paper
- improved stability against environmental influences
- bisphenol A (BPA) free

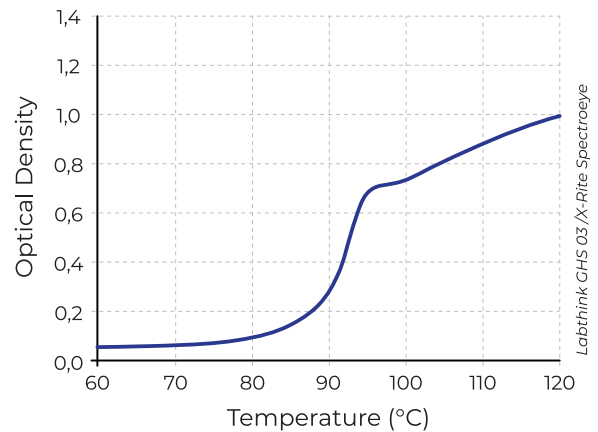
Physical Properties	Value	Test Method
Substance 17 x 22 - 500 sheets	46 g/m <sup>2</sup> ± 4 g/m <sup>2</sup> 12.2 ± 1.1#	ISO 536
Caliper	53 ± 5 µm 2.09 ± 0.20 mils	ISO 534
Smoothness (Bekk, front)	≥ 350 s	ISO 5627
Brightness (front)	≥ 80 %	ISO 2470
Tensile strength MD	≥ 35 N / 15 mm	ISO 1924-2
CD	≥ 12 N / 15 mm	ISO 1924-2
Preservation Properties	Optical density after ageing *	Conditions
Heat resistance	≥ 90 %	24h / 50°C
Moisture resistance	≥ 80 %	24h / 40°C 80% RH
Light resistance	≥ 75 %	24h / 16.000 lux

\* based on maximum optical density

## Dynamic Sensitivity



## Static Sensivity



subject to change without notice  
Revision: 8 / last update 06.21