

**KANZAN DT KPR415**

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**Country of manufacture:** Germany

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**Product description:** KPR 415 is a non-top coated BPA-free thermal paperboard with standard sensitivity. The image is black.

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**Applications:** Travel tickets for buses and trains.  
Admission tickets for cinemas, theatres, sports and other cultural events.  
Parking tickets for carparks and parking spaces.  
Tags (non-self-adhesive)  
Data-carries for logistical purposes  
Boarding passes

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**Characteristics** Good light resistance.  
Standard resistance against water, alcohol, oil or fat and heat.  
Not suitable for plasticisers.

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## PHYSICAL CHARACTERISTICS

Grammage	175±10g/m <sup>2</sup>	ISO 536
Thickness	185±10µm	ISO 534
Moisture content	6,5±1%	ISO 287
Brightness (R457)	>90%	ISO 2470
Smoothness (Bekk)	>100s	ISO 5627
Tensile strength (MD/CD)	>6,5 / >3 kN/m	DIN EN ISO 1924-1
Tearing strength (MD/CD)	>800 / >800 mN	DIN EN ISO 21974

## IMAGE DEVELOPMENT CHARACTERISTICS

Image	Black	
Printing speed	Max. 250 mm/s	Depends on printer and settings
Archivability	Min. 7 years	Under adequate storage conditions (see note)
Start temperature (OD 0.2)	$75 \pm 5$ °C	TP3000QM, X-Rite 530
Effective temperature (OD 0.8)	$90 \pm 5$ °C	TP3000QM, X-Rite 530
Saturated optical density	>1	Atlantek 200 (4 inch/s), X-Rite 530

B&F Papers has endeavoured to ensure this information is correct; however, we do not accept liability for any error or omission. We reserve the right to update this information without prior notice.

Storage: Our thermal papers should be stored at a constant temperature of  $23 \pm 5$  °C and a relative humidity of  $50 \pm 10\%$ . Exposure to strong sunlight or strong artificial light or the influence of aggressive chemicals should be avoided.

**Note: It is the user's responsibility to test all stock, prior to use, whether the product is suitable for intended application.**

