

Mitsubishi HiTec Paper Flensburg GmbH

F 5041

Technical Data Sheet

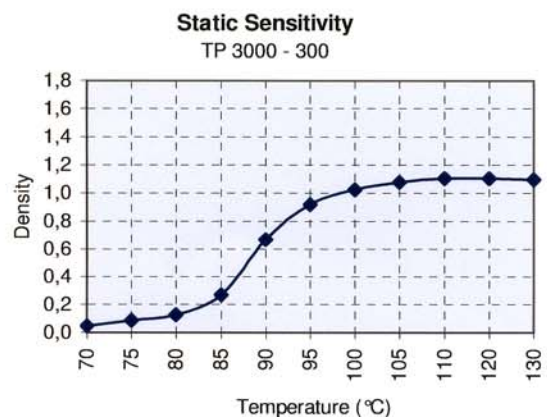
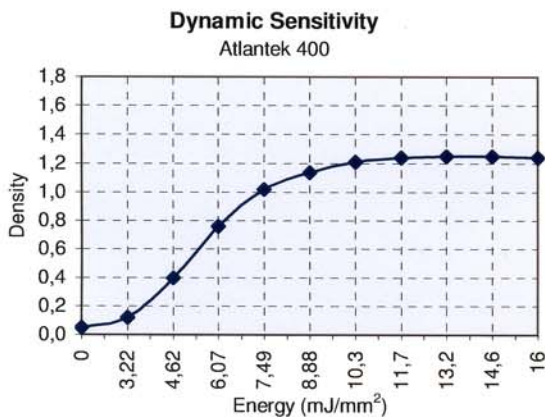
Grade Characteristics

Sensitivity:	standard
Printing Speed:	max. 8 inch / 200 mm per second
Protection Coating:	without topcoat
Stability:	normal stability against environmental influences such as heat, humidity, light, lanolin, ethanol, plasticizer and water
Image Durability:	5 years *
Typical Application(s):	POS, fax

Physical Properties	Value	Unit	Test Method
Base Weight	55 ± 4	g/sqm	ISO 536
Caliper	60 ± 5	micron	ISO 534
Smoothness (Bekk)	> 400	sec	ISO 5627
Brightness (R 457)	92 ± 4	%	ISO 2469
Tensile Strength (md)	51 ± 8	N/15mm	ISO 1924/1
Tensile Strength (cd)	29 ± 7	N/15mm	ISO 1924/1
Opacity	87 ± 2	%	ISO 2471

Climatic stability		Stability	
Item	Condition	Image	Contrast
Heat Resistance	60 °C/24h.	> 76%	> 72%
Humidity Resistance	40 °C/90% r.h./24h.	> 90%	> 90%
Light Resistance incl. UV	21600 KJ/m ²	> 65%	> 50%

Stability against...	Condition	Image Stability
Lanolin hand cream	24 h., room temp.	> 10%
Ethanol (25 vol %), dipped 20 min	24 h., room temp.	> 20%
Plasticizer (Tesa Document 57331)	24 h., room temp.	> 20%
Water, dipped 20 min	24 h., room temp.	> 35%



* specific handling and storage conditions have to be observed

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01.05.2004

subject to alterations