

# Preliminary Data Sheet

## *thermoscript* Trial Product

# P 6045

## Technical Data Sheet

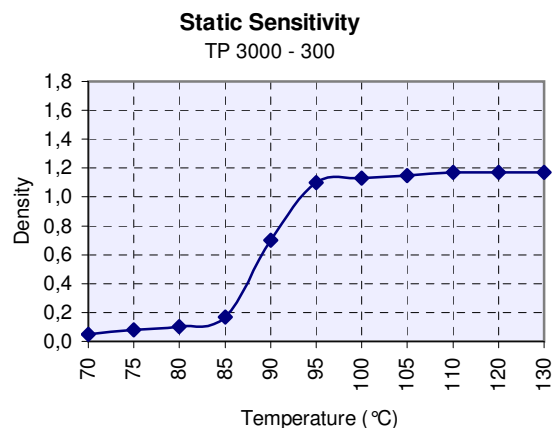
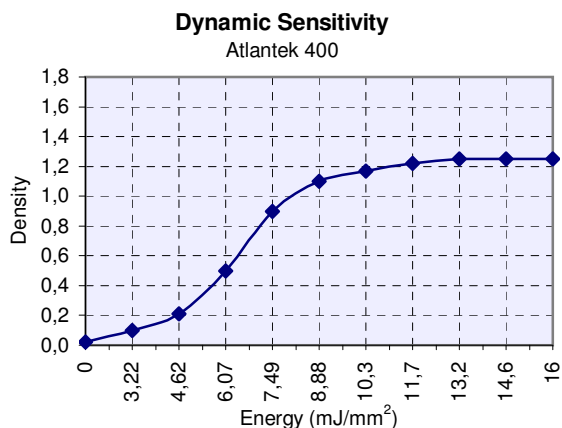
### Grade Characteristics

|                         |  |
|-------------------------|--|
| Sensitivity:            | standard   |
| Printing Speed:         | max. 8 inch / 200 mm per second  |
| Protection Coating:     | without topcoat  |
| Stability:              | <b>improved resistance against environmental influences</b> such as heat, humidity, light, lanolin, ethanol, plasticizer and water |
| Image Durability:       | <b>7 years *</b>   |
| Typical Application(s): | <b>POS, Medical</b>  |

| Physical Properties   | Value  | Unit             | Test Method |
|-----------------------|--------|------------------|-------------|
| Base Weight           | 69 ± 5 | g/m <sup>2</sup> | ISO 536     |
| Caliper               | 74 ± 5 | micron           | ISO 534     |
| Smoothness (Bekk)     | >250   | s                | ISO 5627    |
| Brightness (R 457)    | 91 ± 4 | %                | DIN 53145-2 |
| Tensile Strength (md) | >49    | N/15mm           | ISO 1924/2  |
| Tensile Strength (cd) | >14    | N/15mm           | ISO 1924/2  |
| Opacity               | >89    | %                | ISO 2471    |

| Climatic stability        |                         | Stability |          |
|---------------------------|-------------------------|-----------|----------|
| Item                      | Condition               | Image     | Contrast |
| Heat Resistance           | 60 °C/24h               | > 90%     | > 85%    |
| Humidity Resistance       | 40 °C/90% r.h./24h      | > 90%     | > 90%    |
| Light Resistance incl. UV | 21600 kJ/m <sup>2</sup> | > 70%     | > 60%    |

We ensure an image durability of 7 years on thermoscript P 6045 under observing specific handling and storage conditions - for this see our product information on [www.mpf.mphitec.com](http://www.mpf.mphitec.com)



\* specific handling and storage conditions have to be observed

21.02.2005

subject to alterations