

| Characteristics<br>c = continuous tone          | Formula               | Unit             | Test chart 1<br>achromatic <sup>b</sup> | Test chart 2<br>chromatic <sup>b</sup> | Test chart 3<br>chromatic <sup>b</sup> | Test chart 4<br>achromatic <sup>b</sup> | Applicable<br>Standard |
|-------------------------------------------------|-----------------------|------------------|-----------------------------------------|----------------------------------------|----------------------------------------|-----------------------------------------|------------------------|
| <b>Format</b>                                   | --                    | --               | A4 <sup>d</sup>                         | A4 <sup>d</sup>                        | A4 <sup>d</sup>                        | A4 <sup>d</sup>                         | ISO 216                |
| <b>Reference Mass<br/>(Area weight)</b>         | $m_A$                 | g/m <sup>2</sup> | 225                                     | 225                                    | 225                                    | 225                                     | ISO 536                |
| <b>Smoothness</b>                               | $GL(\text{Bekk})_B$   | s                | >3000                                   | >3000                                  | >3000                                  | >3000                                   | ISO 5627               |
| <b>Opacity</b>                                  | $O$                   | %                | >95                                     | >95                                    | >95                                    | >95                                     | ISO 2471               |
| <b>Reflectance<br/>factor</b>                   | $R_{457}$             | %                | >83                                     | >83                                    | >83                                    | >83                                     | ISO 1469               |
| <b>Lightness<br/>of black <math>N</math></b>    | $L^*_{\text{CIELAB}}$ | --               | ≤7                                      | ≤7                                     | ≤7                                     | ≤7                                      | a                      |
| <b>Lightness<br/>of white <math>W</math></b>    | $L^*_{\text{CIELAB}}$ | --               | ≥91                                     | ≥91                                    | ≥91                                    | ≥91                                     | a                      |
| <b>Resolution of<br/>printing film</b>          | $r$                   | dpi              | 300                                     | 300                                    | 300                                    | 300                                     | --                     |
| <b>Raster distance</b>                          | $d_r$                 | µm               | 84                                      | 84                                     | 84                                     | 84                                      | --                     |
| <b>Spot size</b>                                | $d_s$                 | µm               | 168                                     | 168                                    | 168                                    | 168                                     | --                     |
| <b>Medium colour<br/>reproduction<br/>index</b> | $R^*_{ab,m}$          | --               | >87                                     | >60                                    | >87                                    | >60                                     | c                      |

a Test according to CIE publ. 15.2, standard illuminant D65, 2° standard observer, 0°/45° geometry.  
b Digital imaging on photographic paper. Contrast range  $L^*_N = 7$ ,  $L^*_W = 91$ .  
c Calculated according to the method given in Annex G.  
d Many image reproduction devices allow only output some mm less compared to A4. The size must include the inner rectangle of the frame area.