

## Production Data Checklist

Dear Author,

So that we can minimize your publication time, please note the following essential formal details. Please use the manuscript template from the "Author Guidelines" section of the journal's homepage to format your paper:

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<http://www.advhealthmat.de>, <http://www.advopticalmat.de>, <http://www.particle-journal.com>,  
<http://www.advmatinterfaces.com>

### General

- ☐ If a **footnote management system** such as EndNote is used for the references, please clear all fields from the references using [ctrl]+[shift]+F9.
- ☐ All **Equations, Figures, and Tables** should be mentioned in the main text in numerical order.
- ☐ **Tables** should be created using the table function in Word, rather than as graphics or using tab spacing. Units should be enclosed in square brackets. Tables should be provided with a brief caption. For footnotes in tables, Roman lowercase letters followed by a closing parenthesis are used. An example is included in the template.
- ☐ **References to literature** or to endnotes in the text should be typed in square brackets as superscripts, after any punctuation, numbered consecutively, and listed at the end of the main body of text. All references must be mentioned in the text. Please do not use any footnotes; instead set any notes to the text as endnotes within the reference list.
- ☐ In the **Experimental Section**, quantities of reactants, solvents etc. should be included in parentheses rather than in the running text  
e.g., triphenylstannyl chloride (0.964 g, 2.5 mmol) in toluene (20 mL).
- ☐ **Data** should be quoted with decimal **points** (not commas) and **negative** exponents (for example:  $25.8 \text{ J K}^{-1} \text{ mol}^{-1}$ ). Characterization format should be: mp/bp 20 °C;  $[\alpha]_{\text{D}}^{20} = -13.5$  ( $c = 0.2$ , in acetone);  $^1\text{H}$  NMR (400 MHz, DMSO- $d_6$ ,  $\delta$ ): 7.15 (s, 2H, Ar H), 1.3 (q,  $J = 8 \text{ Hz}$ , 2H; CH $_2$ ), 0.9 (t,  $J = 8 \text{ Hz}$ , 3H; CH $_3$ );  $^{13}\text{C}$  NMR (100 MHz, CDCl $_3$ ,  $\delta$ ): 175.4 (C=O), 156.5 (C4); IR (KBr):  $\nu = 2972$  (w), 2907 (w), ..., 1026 (s;  $\nu_{\text{as}}(\text{SiOSi})$ ), 971 ( $\nu_{\text{s}}$ ), ..., 666 (w;  $\nu_{\text{s}}(\text{SiOSi})$ ), ..., 439 (m), 401  $\text{cm}^{-1}$  (m); UV-vis ( $n$ -hexane):  $\lambda_{\text{max}}(\epsilon) = 320$  (5000), 270 nm (12000); EIMS  $m/z$  (%): 108 (20) [ $\text{M}^+$ ], 107 (60) [ $\text{M}^+ - \text{H}$ ], 91 (100) [ $\text{C}_7\text{H}_7^+$ ]; HRMS (ESI)  $m/z$ : [ $\text{M} + \text{H}$ ] $^+$  calcd for C $_{21}\text{H}_{38}\text{N}_4\text{O}_6\text{S}$ , 475.2591; found, 475.2593. Anal. calcd for C $_{45}\text{H}_{28}\text{N}_4\text{O}_7$ : C 62.47, H 3.41, N 6.78; found: C 62.27, H 3.46, N 6.80.
- ☐ **Abbreviations and acronyms** should be used sparingly and consistently. Where they first appear in the text, the complete term in lower case—apart from the most common ones (see the list on the journal homepage)—should also be given. In articles where a large number of abbreviations and acronyms occur, these can be explained in a glossary at the end.

## Literature Section

- ❑ **Journals** should be cited as follows: number in square brackets, all author initials then surnames (**not** "et al."), comma, abbreviated journal name (italicized), year of publication (boldface), comma, volume number (italicized), comma, first page, full stop. See below and the manuscript templates for examples:

[1] a) H. J. Ache, *Angew. Chem.* **1989**, 101, 1; *Angew. Chem. Int. Ed. Engl.* **1989**, 28, 1; b) S. C. Stinson, *Chem. Eng. News* **1998**, 76, 57; c) A. Jones, B. Smith, *Adv. Mater.*, in press; d) A. Jones, B. Meyer, *Macromol. Rapid Commun.*, DOI: 10.1002/marc.203001234.

[2] H. R. Allcock, *Introduction to Materials Chemistry*, Wiley, Hoboken, NJ, USA **2008**.

[3] J. W. Grate, G. C. Frye, in *Sensors Update*, Vol. 2 (Eds: H. Baltes, W. Göpel, J. Hesse), Wiley-VCH, Weinheim, Germany **1996**, Ch. 2.

[4] a) A. Katschalsky, A. Oplatka, in *Proc. of the 4th Int. Conf. on Rheology* (Eds: E. H. Lee, A. L. Copley), Interscience, New York **1965**; b) A. Katschalsky, presented at the 4th Int. Conf. on Rheology, San Diego, CA, September **1964**.

[5] a) A. Smith, *Ph.D. Thesis*, University of Newcastle, UK **1991**; b) W. Lehmann, H. Rinke (Bayer AG), *Ger.* 838217, **1952**.

## Graphical Material

- ❑ All **formulas**, **figures**, and **schemes** must be reproducible and should be submitted as individual files. They should not have borders. Please see our Graphics FAQ (available from the journal homepage under "Author Guidelines") for detailed information on the preparation of figures.
- ❑ **Axes** are to be labeled with physical quantities (in italics) separated from their units by a slash; for example,  $\lambda$ /nm. Labels should be oriented along the axis directions.
- ❑ **Inset** diagrams should be avoided (please consider a multipart figure as an alternative). Where they are necessary, please use the same font size as in the main diagram to ensure legibility.

## Guidelines for Graphics in an Electronic Format

Acceptable formats from all graphics programs: **TIFF**, JPG, **EPS**, **DOC**, WMF, **PDF**, XLS, PPT, CDX, (bold formats are preferred).

- **Unusable:** C-Design, Origin, ClarisDraw, ChemIntosh, MacDraw Pro, CorelDraw. Images created in these formats should be converted (e.g., to EPS or TIFF) before submission.
- For structural formulas the line width should be explicitly defined (at least 0.2 pt or 0.1 mm).
- Bitmap images (e.g., SEM images, photographs) should be submitted as Tiff files at least 1000 pixels in diameter (if the image should be one column wide) or 2100 pixels wide (if the image should be the width of the page). A bitmap image should not be confused with the .BMP file format, an older file format used internally by Microsoft Windows.
- Vector graphics images (e.g., stick diagrams, chemical structures, graphs and plots) should be submitted by copying them from the original application (Excel, Origin, ChemDraw, etc.) and pasting them into a Word document by using "Edit... Paste Special... Picture (Windows metafile)". Alternatively, you can export the figure from the original application as a Tiff file at least 4000 pixels in width (if the image should be one column wide) or 8400 pixels in width (if the image should be the width of the page).

Please use only one size of writing in any one diagram.

Please increase the size of the writing relative to the overall size of the diagram.

Comprehensive experimental details should be given in the legends for the schemes.

Please italicize all the "n"s, e.g., for polymeric materials.

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Please use Greek letters in the character font Symbol or as inserted symbols. Please do not use an Equation Editor to insert single characters (unless they are complex characters such as vectors).

Please use symbols for equations where possible. If this is not possible, please use an Equation Editor and insert the equation using 'Insert - Object' rather than pasting it in as a graphic.

Please italicize letters that symbolize physical quantities, such as *T* for temperature, *E* for energy, *n* for an unspecified number.

Please provide a short text for the Table of Contents along with a small graphic, which will be **reproduced in color free of charge**.

Please include a maximum of five keywords.

Please write "Figure 1", "Table 3" etc. out in full.

Molar (M) should be in **small capitals**.

**Supporting Information:** Succinct text and the necessary graphics must be submitted as *one* MSWord file. Use the MSWord template to prepare the first page.

Please note the following order of the sections in the text file (see the Guide for Authors on the journal website for details regarding which sections are required for a particular manuscript type, e.g., Review, Highlight, Communication, etc.): title - author(s) - dedication - address(es), series title - keywords - abstract - main text - experimental section - acknowledgements - references - figure and scheme legends - tables - text for the Table of Contents - graphical material (in the hard copy).

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