



## TECHNICAL DATA SHEET

www.micromod.de  
Telephone: + 49 381 / 7999 7000  
Fax: + 49 381 / 7999 7070  
E-mail address: info@micromod.de

micromod Partikeltechnologie GmbH  
Schillingallee 68  
D-18057 Rostock  
Germany

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|                              |  |
|------------------------------|--|
| <b>Product code:</b>         | 29-00-251  |
| <b>Product name:</b>         | micromer®-greenF   |
| <b>Surface:</b>              | plain  |
| <b>Size:</b>                 | 25 nm  |
| <b>Solid content:</b>        | 10 mg/ml   |
| <b>Composition:</b>          | green fluorescent polymethacrylate particles                             |
| <b>Polydispersity index:</b> | < 0.200  |
| <b>Shape:</b>                | spherical  |
| <b>Density:</b>              | 1.17 g/ccm   |
| <b>Stable in:</b>            | aqueous buffers, methanol, ethanol, DMSO                                 |
| <b>Not stable in:</b>        | halogenated hydrocarbons, toluene, strong acidic solutions, e.g. 10% HCl |
| <b>Product form:</b>         | Suspension in water  |
| <b>Particles per ml:</b>     | 1.2 E15  |
| <b>Particles per mg:</b>     | 1.2 E14  |
| <b>Optical properties:</b>   | green fluorescent  |
| <b>Colour:</b>               | yellow   |
| <b>Excitation:</b>           | 475 nm   |
| <b>Emission:</b>             | 510 nm   |
| <b>Additional remarks:</b>   | Storage at 2 - 8 °C.   |