



## Technical Data Sheet Expancel® FG Microspheres

### Specification

(values presented on Certificate of Analysis)

	FG92 MB 120
Height of foaming <sup>(1)</sup> (mm)	90–140 (200°C)
Bulk density (g/l)	400–500

### Typical characteristic

<b>Grade of Microsphere</b>	FG92 DU 120
Concentration of MS (%)	65 ± 1
Carrier	EVA*
<b>Residual substances</b>	
Acrylonitrile	≤ 20 (mg/kg)
Methacrylonitrile	≤ 65 (mg/kg)
Sodium 2-cyanoethanesulfonate	≤ 130 (mg/kg)
Sulfite	≤ 1300 (mg/kg)
Vinylacetate	≤ 3500 (mg/kg)
2,6-Di-tert-butyl-p-cresol	≤ 260 (mg/kg)

### Product information

- MB = Masterbatch of unexpanded Expancel® microspheres
- \* EVA = Copolymer of ethylene vinylacetate.
- Use the product within three years after production date, if unopened.

## References

- 1) **Height of foaming:** measurement of the height of foam, given by free expansion of Expancel® MB microspheres. Performed in a conventional hot air oven.  
More information: "Analytical Method QMS-56".

## More information

To find out more about our microspheres, visit our website:

[nouryon.com/products/expancel-microspheres](https://nouryon.com/products/expancel-microspheres)



or contact us at:

E: [info.expancel@nouryon.com](mailto:info.expancel@nouryon.com)



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