

Technical Data Sheet Expancel® FG Microspheres

Specification

(values presented on Certificate of Analysis)

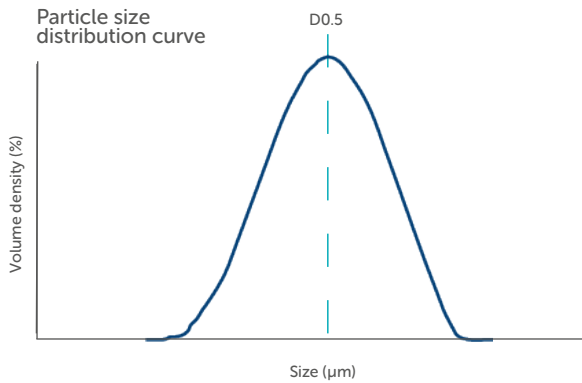
	FG92 DU 120
Particle size D(0.5): ⁽¹⁾	28–38 µm
Thermomechanical Analysis ⁽²⁾	
Tstart	118–128°C
Tmax	191–203°C
TMA-density	≤ 14 (kg/m ³)
Residual substances	
Acrylonitrile	≤ 30 (mg/kg)
Methylacrylate	
Methacrylonitrile	≤ 100 (mg/kg)
Sodium 2-cyanoethanesulfonate	≤ 200 (mg/kg)
Sulfite	≤ 2000 (mg/kg)
Sodium 3-methoxy-3-oxopropane- 1-sulfonate	
Hexadecanol	

Product information

- DU = Dry powder of unexpanded Expancel® microspheres
- Use the product within three years after production date, if unopened.

References

- 1) **Particle size:** measured by laser diffraction; Low Angle Laser Light Scattering (LALLS). D(0.5) = average particle size.
More information: "Particle size of Expancel® microspheres".



- 2) **Thermomechanical Analysis:** performed on a thermomechanical analyzer, measuring dimensional changes as a function of temperature.
More information: "Thermomechanical analysis of Expancel® microspheres".

More information

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

nouryon.com/products/expancel-microspheres



or contact us at:

E: info.expancel@nouryon.com



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