



## Technical Data Sheet Expancel® WU Microspheres

### Specification

(values presented on Certificate of Analysis)

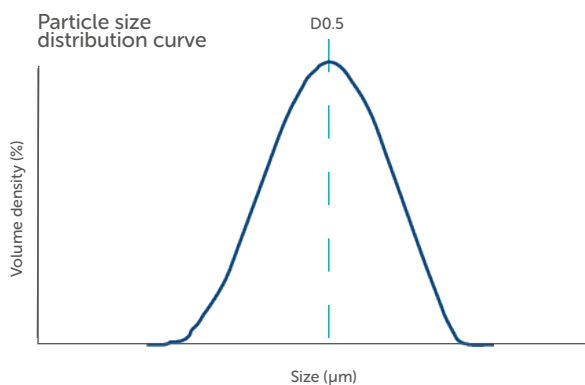
Expancel® grades	Thermomechanical Analysis <sup>(1)</sup>			Density kg/m <sup>3</sup>	Particle size D(0.5) <sup>(2)</sup> µm	Solid content <sup>(3)</sup> %
	Tstart °C	Tmax °C				
044 WU 40	98–108	150–170		≤ 15	9–15	68,5–73,5

### Product information

- WU = Wet cake of unexpanded Expancel® microspheres
- Use the product within two years after production date, if unopened.

## References

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



- 3) **Solid content:** A weighed amount of Expancel® WU microspheres is dried at 60°C for 90 minutes. The weight of the dried sample is used to calculate the solid content.

## 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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