



Technical Data Sheet Expancel[®] WU Microspheres

Specification

(values presented on Certificate of Analysis)

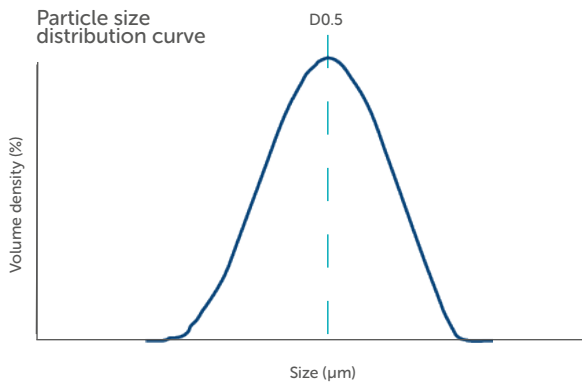
Expancel [®] grades	Thermomechanical Analysis ⁽¹⁾			Density kg/m ³	Particle size D(0.5) ⁽²⁾ µm	Solid content ⁽³⁾ %
	Tstart °C	Tmax °C				
053 WU 40	95–102	136–144		≤ 20	10–16	68,5–73,5

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



or contact us at:

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