



Technical Data Sheet Expancel® Microspheres

Specification

(values presented on Certificate of Analysis)

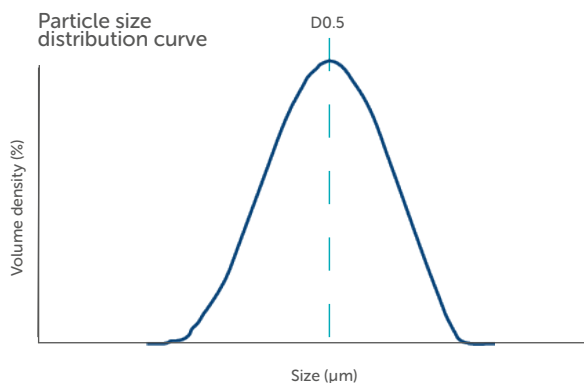
Grade	Thermomechanical Analysis ⁽¹⁾			Particle size D(0.5) ⁽²⁾ µm	Solid content ⁽³⁾ %
	Tstart °C	Tmax °C	Density kg/m ³		
081 WU 40	96–106	152–164	≤ 11	10–16	68–74

Product information

- WU = Wet Unexpanded Expancel® microspheres
- Use the product within two years after production date, if unopened.
- Not all grades available in all locations. Check local sales office for availability.

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:

E: info.expancel@nouryon.com



The information contained in this leaflet is not intended to be exhaustive and is presented in good faith and believed to be correct as of the date on which it is prepared. Persons using the information must make their own determinations and assessments as to the suitability of the relevant information for their purposes prior to taking any action based on the information. Neither Nouryon nor any of its affiliates or representatives makes any representation or warranty, expressed or implied, as to the accuracy or completeness of this document or any of the information contained herein. Nouryon and its affiliates or representatives expressly disclaim to the fullest extent permitted by law any and all liability based, in whole or in part, on the document or any information contained herein.

Nouryon, the Nouryon logo, and Expancel® microspheres are registered and/or owned trademarks of Nouryon.