



Product specification Expancel WE

Expancel	Estimated particle size D(0.5) ⁽¹⁾ µm	Solid content %	True density ⁽²⁾ kg/m ³	True volume ⁽¹⁾ l/kg	Solvent resistance ⁽³⁾
461 WE 20 d36	20–30	15 ± 2	36 ± 4	4.2 ± 0.45	3
461 WE 40 d36	30–50	15 ± 2	36 ± 4	4.2 ± 0.45	3
921 WE 40 d24	35–55	10 ± 1.5	24 ± 3	4.2 ± 0.45	5

Product information

- Expancel WE = Wet, expanded Expancel Microspheres
- Packed on pallets with 20 polyethylene bags, each bag with a net weight of 10 kg. Volume approx 1.5 m³, incl pallet.
- 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) **True volume:** the correlation between solid content and density of microspheres.
More information: "Analytical method no 22".
- 2) **Density:** measured by pycnometer to ensure the specified density of expanded microspheres.
More information: "Density measurements of Expancel".
- 3) **Solvent resistance:** The microspheres are immersed in pure, liquid chemical or water solution of the chemical and tumbled for 24 h at 40°C (104°F). After drying the density is measured, and any discoloration is visually observed.
More information: "Chemical resistance of Expancel".

Solvent resistance rating:

5 = no unfavorable effects expected

4 = special care needed if mixed for prolonged periods or at elevated temperatures

3 = poor chemical resistance

These ratings are not conclusive. We recommend that you carry out your own tests with regard to the intended use of Expancel.

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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