



## Product specification Expancel WU

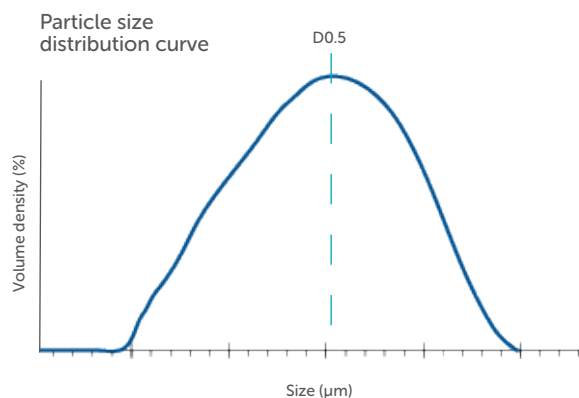
| Expancel   | Thermomechanical Analysis <sup>(1)</sup> |              |                              | Dry content<br>% | Particle size<br>D(0.5) <sup>(2)</sup><br>µm |
|------------|------------------------------------------|--------------|------------------------------|------------------|----------------------------------------------|
|            | Tmax<br>°C                               | Tstart<br>°C | Density<br>kg/m <sup>3</sup> |                  |                                              |
| 031 WUF 40 | 120–135                                  | 80–95        | ≤ 12                         | 73.5–78.5        | 10–16                                        |
| 007 WU 40  | 138–143                                  | 91–99        | ≤ 15                         | 68.5–73.5        | 10–16                                        |
| 007 WUF 40 | 138–143                                  | 91–99        | ≤ 15                         | 68.5–73.5        | 10–16                                        |
| 053 WU 40  | 138–146                                  | 96–103       | ≤ 20                         | 68.5–73.5        | 10–16                                        |
| 043 WU 80  | 147–167                                  | 95–115       | ≤ 10                         | 67–75            | 16–24                                        |
| 920 WUF 40 | 168–178                                  | 123–133      | ≤ 17                         | 68.5–73.5        | 10–16                                        |
| 909 WU 80  | 175–190                                  | 120–130      | ≤ 10                         | 68.5–73.5        | 18–24                                        |

### Product information

- Expancel WU = Wet cake of unexpanded Expancel Microspheres
- Delivered in IBC 400 to 500 kg, or in fibre drums net weight 50 to 70 kg.
- 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".
- 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".



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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