



Product specification Expancel WU

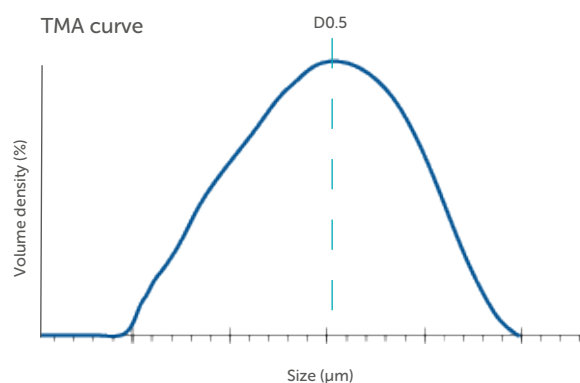
Expancel	Thermomechanical Analysis ⁽¹⁾			Dry content %	Particle size D(0.5) ⁽²⁾ µm
	Tmax °C	Tstart °C	Density kg/m ³		
031 WUF 40	120–135	80–95	≤ 12	73.5–78.5	10–16
642 WU 40	127–135	87–93	≤ 17	72.5–77.5	10–16
007 WU 40	138–143	91–99	≤ 15	68.5–73.5	10–16
007 WUF 40	138–143	91–99	≤ 15	68.5–73.5	10–16
053 WU 40	138–146	96–103	≤ 20	68.5–73.5	10–16
551 WU 40	141–149	94–99	≤ 17	68.5–73.5	9–15
461 WU 20	143–151	100–106	≤ 30	65.5–70.5	6–9
461 WU 40	144–152	98–104	≤ 20	65.5–70.5	9–15
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

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