



Product Specification Expancel Microspheres

January, 2019 (replaces 2018.05)

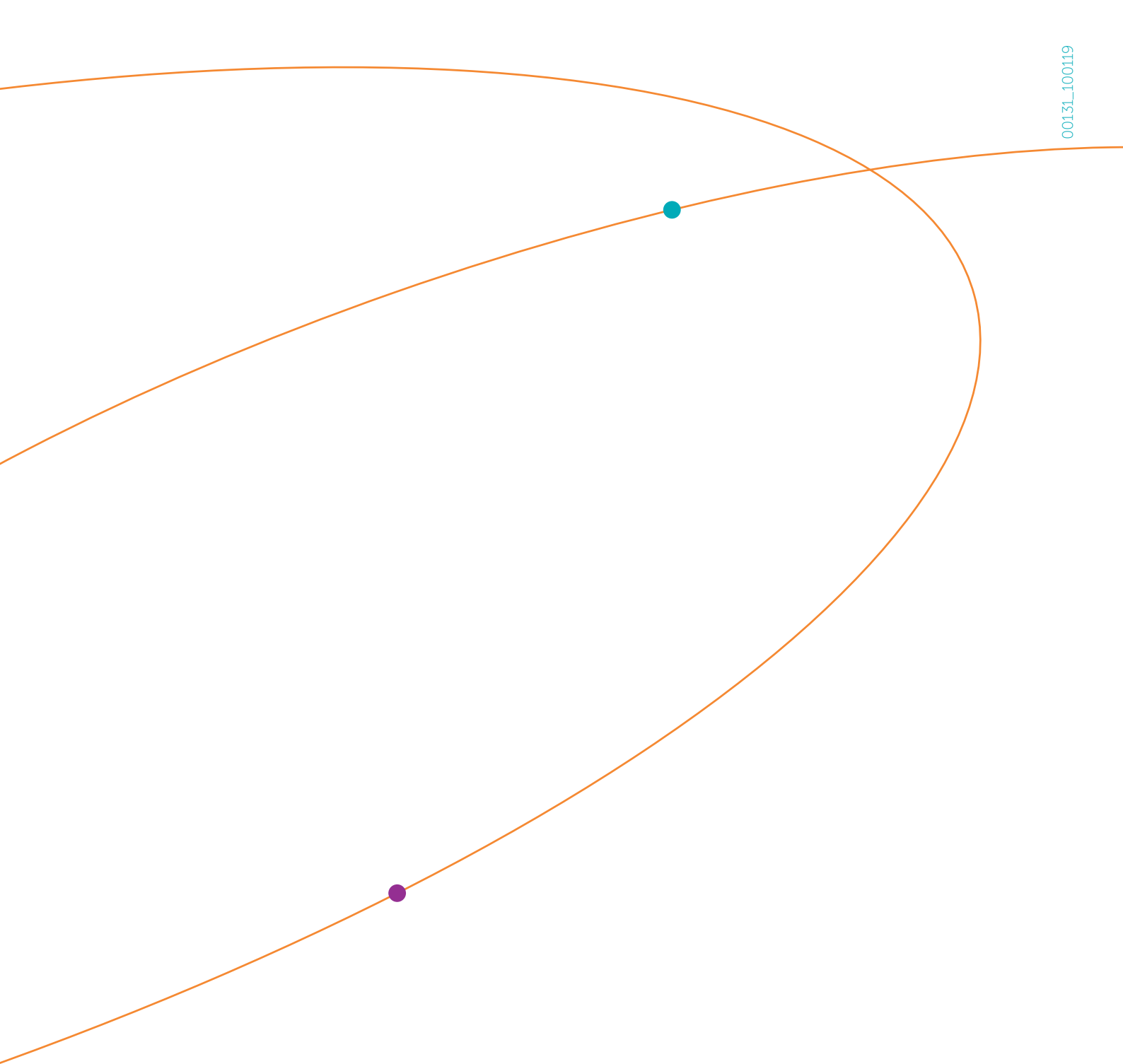
Expancel DU

Expancel	Particle Size D(0.5) µm ⁽¹⁾	Thermomechanical Analysis ⁽²⁾			Solvent Resistance ⁽³⁾
		Tstart, °C	Tmax, °C	Density kg/m ³	
551 DU 40	9–15	94–99	141–149	≤ 17	3
461 DU 20	6–9	100–106	143–151	≤ 30	4
461 DU 40	9–15	100–107	144–152	≤ 20	4
051 DU 40	9–15	106–111	144–153	≤ 25	4
031 DU 40	10–16	80–95	120–135	≤ 12	3
043 DU 80	16–24	95–115	147–167	≤ 10	5
053 DU 40	10–16	96–103	138–146	≤ 20	3
093 DU 120	28–38	120–130	189–204	≤ 6.5	5
909 DU 80	18–24	120–130	175–190	≤ 10	5
920 DU 20	5–9	120–145	155–175	≤ 25	5
920 DU 40	10–16	123–133	168–178	≤ 17	5
920 DU 80	18–24	123–133	180–195	≤ 14	5
920 DU 120	28–38	122–132	194–206	≤ 14	5
930 DU 120	28–38	122–132	192–207	≤ 6,5	5
950 DU 80	18–24	138–148	188–200	≤ 12	5
951 DU 120	28–38	133–143	190–205	≤ 9	5
980 DU 120	25–40	158–178	215–235	≤ 14	5

- Expancel DU = Dry Unexpanded Expancel Microspheres
- Delivered in fibre drums, net weight 50 kg or in big-bags 500 kg
- Use the product within three years after production date, if unopened.
- Not all grades available in all locations. Check local sales office for availability.

More information:

- 1) "Particle size of Expancel MS"
- 2) "Thermomechanical analysis of Expancel MS"
- 3) "Chemical resistance of Expancel MS"



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