

Specification

Product Specification for Expancel Microspheres

Issue 2017.05 (replaces 2014.12)



Expancel DU

Expancel	Particle Size $\mu\text{m}^{(1)}$ D(0.5)	Thermomechanical Analysis ⁽²⁾			Solvent Resistance ⁽³⁾
		Tstart, $^{\circ}\text{C}$	Tmax, $^{\circ}\text{C}$	Density kg/m^3	
551 DU 40	10–16	94–99	141–149	≤ 17	3
461 DU 20	6–9	100–106	137–145	≤ 30	4
461 DU 40	9–15	98–104	142–150	≤ 20	4
051 DU 40	9–15	108–113	142–151	≤ 25	4
031 DU 40	10–16	80–95	120–135	≤ 12	3
053 DU 40	10–16	96–103	138–146	≤ 20	3
093 DU 120	28–38	120–130	188–203	≤ 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	191–204	$\leq 6,5$	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	158–173	215–235	≤ 14	5

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

New product

043 DU 80	16–24	95–115	147–167	≤ 10	5
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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.

For more information on our microspheres you can contact us at:

info.expancel@akzonobel.com

Akzo Nobel Pulp and Performance Chemicals AB
Expancel
Box 13000
SE-850 13 Sundsvall
Sweden
T +46-60 13 40 00
F +46-60 56 95 18





www.akzonobel.com
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