

Specification

Product Specification for Expancel® Microspheres

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AkzoNobel
Tomorrow's Answers Today

Expancel DU

Expancel DU = Dry Unexpanded
Expancel® Microspheres

Delivered in fibre drums, net weight 50 kg
or in big-bags 500 kg

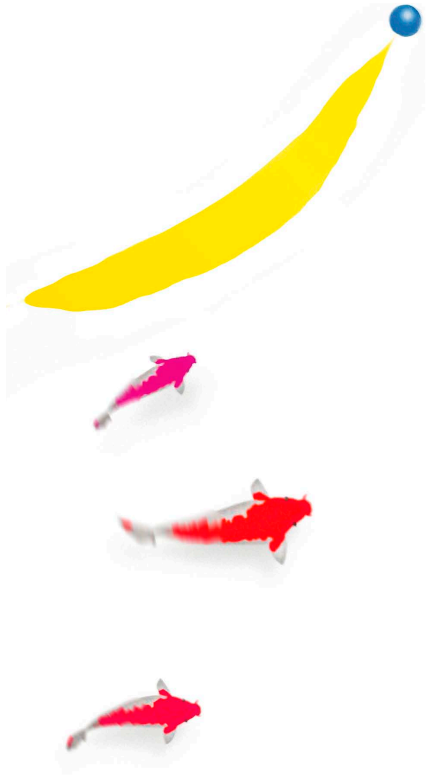
Use the product within 3 years after
production date, if unopened.

Not all grades available in all locations.
Check local sales office for availability.

- (1) Technical Bulletin no 3b
(2) Technical Bulletin no 5
(3) Technical Bulletin no TB.PRP10

Expancel	Particle Size µm ⁽¹⁾ D(0.5)	Thermomechanical Analysis ⁽²⁾			Solvent Resistance ⁽³⁾
		Tstart, °C	Tmax, °C	Density kg/m ³	
551 DU 40	10–16	95–100	139–147	≤ 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 40	10–16	123–133	170–180	≤ 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	≤ 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





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

Email: info.expancel@akzonobel.com

Eka Chemicals AB

Expancel

Box 13000

SE-850 13 Sundsvall

Sweden

Phone: +46-60 13 40 00

Fax: +46-60 56 95 18



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