

Specification

Product Specification for Expancel Microspheres

Issue 2016.08 (replaces 2016.01)



Expancel DE

Expancel	Particle size $\mu\text{m}^{(1)}$ D(0.5)	True Density ⁽²⁾ , kg/m^3	Solvent Resistance ⁽³⁾
551 DE 40 d42	30–50	42 ± 4	3
551 DE 40 d42 ± 2	30–50	42 ± 2	3
461 DE 20 d70	15–25	70 ± 6	4
461 DE 40 d60	20–40	60 ± 5	4
461 DET 40 d25	35–55	25 ± 3	4
461 DET 80 d25	50–95	25 ± 3	4
092 DET 100 d25	80–120	25 ± 3	5
920 DE 40 d30	35–55	30 ± 3	5
920 DET 40 d25	30–60	25 ± 3	5
920 DE 80 d30	55–85	30 ± 3	5

- (1) "Particle size of Expancel microspheres"
(2) "Density measurements of Expancel MS"
(3) "Chemical resistance of Expancel MS"

Expancel DE = Dry Expanded Expancel Microspheres

Packed in cartons with 1, 4, 5 or 6
polyethylene bags, e.g. 4x5 kg
Expancel 551 DE 40 d42.
Volume of carton 1.15 m³, incl pallet.

Use the product within 3 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
www.expancel.com

AkzoNobel creates everyday essentials to make people's lives more liveable and inspiring. As a leading global paints and coatings company and a major producer of specialty chemicals, we supply essential ingredients, essential protection and essential color to industries and consumers worldwide. Backed by a pioneering heritage, our innovative products and sustainable technologies are designed to meet the growing demands of our fast-changing planet, while making life easier. Headquartered in Amsterdam, the Netherlands, we have approximately 45,000 people in around 80 countries, while our portfolio includes well-known brands such as Dulux, Sikkens, International, Interpon and Eka. Consistently ranked as a leader in sustainability, we are dedicated to energizing cities and communities while creating a protected, colorful world where life is improved by what we do.

© 2016 Akzo Nobel NV. All rights reserved.

Expancel is a registered trademark of AkzoNobel in a number of territories.