

Specification

Product Specification for Expancel Microspheres

Issue 2017.11 (replaces 2015.11)



Expancel SL

Expancel	Micro-sphere content, %	Particle Size, $\mu\text{m}^{(1)}$ D(0.5)	Thermomechanical Analysis ⁽²⁾		
			Tstart, °C	Tmax, °C	Density, kg/m^3
820 SL 40	40	10–16	85–95	115–125	≤ 25
820 SLU 40	44	10–16	85–95	115–125	≤ 25

(1) "Particle size of Expancel Microspheres"

(2) "Thermomechanical analysis of Expancel MS"

Expancel SL = Unexpanded Expancel Microspheres in Aqueous Dispersion

Delivered as slurry in 1 m³ containers.

SLU means that no salt (NaCl) has been added to the slurry. The addition of salt will further decrease the expansion temperature by approx 8 to 10°C.

Use the product within two 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 46,000 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.

© 2017 Akzo Nobel NV. All rights reserved.

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