

# Specification

## Product Specification for Expancel® Microspheres

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**AkzoNobel**  
Tomorrow's Answers Today

# Expancel WU

Expancel WU = Wet Unexpanded  
Expancel® Microspheres

Delivered as a wet cake in fibre drums,  
net weight 50 to 70 kg or in IBC 400 to 500  
kg.

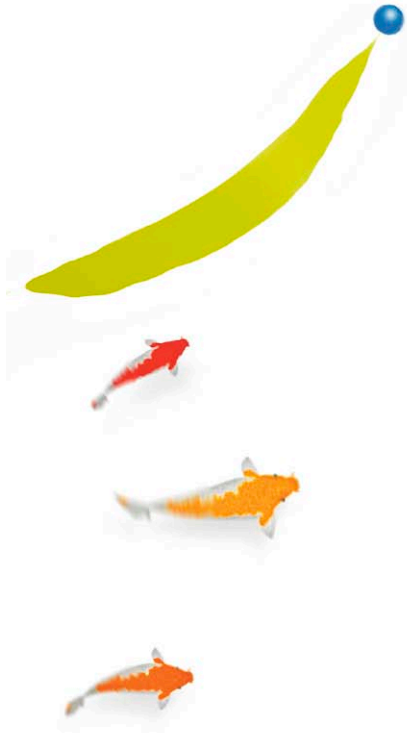
Use the product within 2 years after  
production date, if unopened.

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

- (1) Technical Bulletin no TB.PRP03  
(2) Technical Bulletin no TB.PRP05  
(3) Technical Bulletin no TB.PRP10

Expancel	Dry content %	Particle Size, $\mu\text{m}^{(1)}$ D(0.5)	Thermomechanical Analysis <sup>(2)</sup>		
			Tstart, °C	Tmax, °C	Density kg/m <sup>3</sup>
<b>642 WU 40</b>	71 ± 2.5	10-16	87-93	127-135	≤ 17
<b>551 WU 40</b>	71 ± 2.5	10-16	95-100	139-147	≤ 17
<b>461 WU 20</b>	68 ± 2.5	6-9	100-106	137-145	≤ 30
<b>461 WU 40</b>	68 ± 2.5	9-15	98-104	142-150	≤ 20
<b>461 WU 80</b>	68 ± 2.5	10-16	96-104	145-155	≤ 20
<b>007 WU 40</b>	71 ± 2.5	10-16	91-99	138-143	≤ 15
<b>007 WUF 40</b>	71 ± 2.5	10-16	91-99	138-143	≤ 15
<b>031 WUF 40</b>	76 ± 2.5	10-16	80-95	120-135	≤ 12
<b>053 WU 40</b>	71 ± 2.5	10-16	96-103	138-146	≤ 20
<b>054 WUF 40</b>	71 ± 2.5	10-16	119-129	143-153	≤ 17
<b>909 WU 80</b>	71 ± 2.5	18-24	120-130	175-190	≤ 10
<b>920 WUF 40</b>	71 ± 2.5	10-16	123-133	167-177	≤ 17





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

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