

## Akzo Nobel Expancel® 054 WU 40 Wet unexpanded microspheres

Category : Other Engineering Material , Additive/Filler for Polymer , Polymer , Thermoplastic

### Material Notes:

Expancel microspheres are thermoplastic hollow spheres. The microspheres are white spherically formed particles with a thermoplastic shell encapsulating a gas. When the microspheres are heated the thermoplastic shell softens and the gas increases its pressure, resulting in an expansion of the spheres. Applications: Anti-slip coatings; Braille paper; Carpet underlays; Printing ink

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Akzo-Nobel-Expancel-054-WU-40-Wet-unexpanded-microspheres.php](http://www.lookpolymers.com/polymer_Akzo-Nobel-Expancel-054-WU-40-Wet-unexpanded-microspheres.php)

Physical Properties	Metric	English	Comments
Density	<= 0.0170 g/cc	<= 0.000614 lb/in <sup>3</sup>	TMA
Particle Size	10 - 16 µm	10 - 16 µm	D(0.5)

Thermal Properties	Metric	English	Comments
Transformation Temperature	119 - 129 °C	246 - 264 °F	Expansion Starting Temperature
	143 - 153 °C	289 - 307 °F	Temp at Max Expansion

Descriptive Properties	Value	Comments
Solvent Resistance	3	Scale of 1 to 5

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China