

## Akzo Nobel Expancel® 551 DE 40 d42 Dry expanded 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: Car underbody coatings; Auto body filler and marine and hobby putties; Cable fillings; Cultured marble; Civil explosives; Modelmaking materials; Sealants (acrylics, PUR, polysulphides, silicones); Synthetic wood

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Akzo-Nobel-Expancel-551-DE-40-d42-Dry-expanded-microspheres.php](http://www.lookpolymers.com/polymer_Akzo-Nobel-Expancel-551-DE-40-d42-Dry-expanded-microspheres.php)

Physical Properties	Metric	English	Comments
Density	0.0380 - 0.0460 g/cc	0.00137 - 0.00166 lb/in <sup>3</sup>	
Particle Size	30 - 50 µm	30 - 50 µm	D(0.5)

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

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