

Akzo Nobel Expancel® 051 DU 40 Dry 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; Printing ink; Car underbody coatings; Industrial non-woven textiles;

Order this product through the following link:

http://www.lookpolymers.com/polymer_Akzo-Nobel-Expancel-051-DU-40-Dry-unexpanded-microspheres.php

Physical Properties	Metric	English	Comments
Density	<= 0.0250 g/cc	<= 0.000903 lb/in ³	TMA
Particle Size	9.0 - 15 µm	9.0 - 15 µm	D(0.5)

Thermal Properties	Metric	English	Comments
Transformation Temperature	108 - 113 °C	226 - 235 °F	Expansion Starting Temperature
	142 - 151 °C	288 - 304 °F	Temp at Max Expansion

Descriptive Properties	Value	Comments
Solvent Resistance	4	Scale of 1 to 5

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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