Akzo Nobel Expancel® 820 SL 80 Unexpanded microspheres in aqueous dispersion

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: Boxboard; Fine paper

Order this product through the following link:
http://www.lookpolymers.com/polymer_Akzo-Nobel-Expancel-820-SL-80-Unexpanded-microspheres-in-aqueous-dispersion.php

Physical Properties	Metric	English	Comments
Density	<= 0.0250 g/cc	<= 0.000903 lb/in³	TMA
Particle Size	16 - 24 µm	16 - 24 µm	D(0.5)

Thermal Properties	Metric	English	Comments
Transformation Temperature	71.0 - 81.0 °C	160 - 178 °F	Expansion Starting Temperature
	110 - 125 °C	230 - 257 °F	Temp at Max Expansion

Descriptive Properties	Value	Comments
Microsphere Content, %	40	

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