

King Pearl® B Series

Expanded Polystyrene

Loyal Chemical

Message:

King Pearl® B Series are energy saving materials for vacuum molding machines.

Available variations:

B-MS: 1.0 - 1.6 mm particle size and 14 - 16 g/l foam density.

B-SA: 0.8 - 1.2 mm particle size and 16 - 18 g/l foam density.

B-SB: 0.6 - 0.9 mm particle size and 18 - 20 g/l foam density.

B-S: 0.4 - 0.7 mm particle size and 20 - 22 g/l foam density.

General Information			
Features	Fast molding cycle		
	Compliance of Food Exposure		
Uses	Packaging		
Appearance	Available colors		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.02	g/cm ³	ASTM D792
Apparent Density	0.60	g/cm ³	ASTM D1895
Additional Information			

Blowing Agent: <5.0% PentaneResidual Monomer: <0.3%Moisture Content: <0.5%Aging Time after pre-expansion: 4 - 8 hrPre-expansion: Batch
pre-expanderMain Steam Pressure: 4 - 5 kg/cm²Chamber Pressure: 0.15 - 0.2 kg/cm²Heating Time: 50 - 60 secKeeping Time: 10 secCooling Time: 40 -
50 secPre-expansion: Continuous pre-expanderMain Steam Pressure: 4 - 5 kg/cm²Chamber Pressure: 0.3 - 0.5 kg/cm²Chamber Temperature: 98 - 100°C

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

