

King Pearl® N Series

Expanded Polystyrene

Loyal Chemical

Message:

King Pearl® N Series are for high impact applications.

Available variations:

NP-A: 0.9 - 1.2 mm particle size and 14 - 18 g/l foam density.

NP-B: 0.7 - 1.0 mm particle size and 18 - 25 g/l foam density.

General Information			
Features	Impact resistance, high		
Uses	Computer components		
	Electrical/Electronic Applications		
	Electrical appliances		
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: >6.0% PentaneResidual Monomer: <0.3%Moisture Content: <0.5%Aging Time after pre-expansion: 16 - 24 hrPre-expansion: Batch pre-expanderMain Steam Pressure: 4 - 5 kg/cm²Chamber Pressure: 0.1 - 0.15 kg/cm²Heating Time: 50 - 60 secKeeping Time: 10 secCooling Time: 40 - 50 secPre-expansion: Continuous pre-expanderMain Steam Pressure: 4 - 5 kg/cm²Chamber Pressure: 0.15 - 0.3 kg/cm²Chamber Temperature: 98 - 100°C

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