

Taitacell EPS 321S

Expanded Polystyrene

Taita Chemical Company, Ltd.

Message:

Taitacell EPS 321S is an Expanded Polystyrene material. It is available in Asia Pacific or North America. Primary attribute of Taitacell EPS 321S: Flame Retardant.

Typical applications include:

Construction Applications

Packaging

Wire & Cable

General Information	
Additive	Flame Retardant
Features	Flame Retardant
Uses	Construction Applications
	Insulation
	Packaging

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.0150 to 0.0300	g/cm ³	ASTM D792
Water Content	< 0.50	%	
Bead Size ¹	700.0 to 1100.0	µm	

Chemical Resistance	
Acid	Good
Alkali	Good
Solvent	Poor
Expandability	65.0 to 80.0

Mechanical	Nominal Value	Unit	Test Method
Flexural Strength	> 0.245	MPa	ASTM D790
Compressive Strength (10% Strain)	> 0.0785	MPa	ASTM D695

Thermal	Nominal Value	Unit	Test Method
Thermal Conductivity	0.031 to 0.042	W/m/K	ASTM C177

NOTE	
1.	95% min

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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

