

# Taitacell EPS 321LS

Expanded Polystyrene

Taita Chemical Company, Ltd.

## Message:

Taitacell EPS 321LS is an Expanded Polystyrene material. It is available in Asia Pacific or North America.

Important attributes of Taitacell EPS 321LS are:

Flame Rated

Flame Retardant

Typical applications include:

Wire & Cable

Construction Applications

Packaging

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
Uses	Construction Applications		
	Insulation		
	Packaging		
Agency Ratings	UL 723		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	> 0.0180	g/cm <sup>3</sup>	ASTM D792
Pentane Content	< 5.0	%	
Water Content	< 0.50	%	
Bead Size <sup>1</sup>	700.0 to 1100.0	µm	
Chemical Resistance			
Acid	Good		
Alkali	Good		
Solvent	Poor		
Expandability	25.0 to 70.0		
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
Flammability	Nominal Value		Test Method
Flame Rating	HF-1		UL 94
NOTE			

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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



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