

Taitacell EPS 321F

Expanded Polystyrene

Taita Chemical Company, Ltd.

Message:

Taitacell EPS 321F is an Expanded Polystyrene material. It is available in Asia Pacific or North America. Primary attribute of Taitacell EPS 321F: 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	0.0170 to 0.0350	g/cm ³	ASTM D792
Water Content	< 0.50	%	
Bead Size ¹	500.0 to 850.0	μm	

Chemical Resistance	
Acid	Good
Alkali	Good
Solvent	Poor
Expandability	55.0 to 70.0

Mechanical	Nominal Value	Unit	Test Method
Flexural Strength	> 0.294	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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