

# Taitacell EPS 391F

Expanded Polystyrene

Taita Chemical Company, Ltd.

## Message:

Taitacell EPS 391F is an Expanded Polystyrene material. It is available in Asia Pacific or North America. Primary attribute of Taitacell EPS 391F: Fast Molding Cycle.

Typical applications include:

Packaging

Wire & Cable

General Information			
Features	Fast Molding Cycle		
Uses	Insulation		
	Packaging		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.0170 to 0.0350	g/cm <sup>3</sup>	ASTM D792
Water Content	< 0.50	%	
Bead Size <sup>1</sup>	500.0 to 850.0	μm	
Chemical Resistance			
Acid	Good		
Alkali	Good		
Solvent	Poor		
Expandability	50.0 to 65.0		
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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Recommended distributors for this material

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