

# Taitacell EPS 351F

Expanded Polystyrene

Taita Chemical Company, Ltd.

## Message:

Taitacell EPS 351F is an Expanded Polystyrene material. It is available in Asia Pacific or North America. Primary attribute of Taitacell EPS 351F: Antistatic.  
Typical applications include:  
Packaging  
Wire & Cable

General Information			
Additive	Antistatic		
Features	Antistatic		
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	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

Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	< 1.0E+12	ohms	ASTM D257

NOTE			
1.	95% min		

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