

# FM® 10

Epoxy; Epoxide

Cytec Industries Inc.

## Message:

FM® 10 is a syntactic epoxy core material which is reinforced with hollow glass micro-balloons. FM 10 syntactic core is designed as a cost and/or weight saving alternative in the manufacture of thin [below 0.20 inches (5.1 mm) thick], stiffness critical composite panels.

FM 10 syntactic core is compatible with nearly all commercially available 350°F (177°C) epoxy advanced composites. FM 10 will co-cure with these composites without the use of an adhesive film with.

FM 10 is supplied with a non-woven Kevlar® mat (aromatic polyamide fiber) which improves handling characteristics in addition to increasing the material's flexural strength. The product is slightly tacky for ease of handling. The product is supplied in sheet or roll form between two layers of release paper.

Suggested Applications:

Thin composite panels where weight, cost and/or stiffness are critical

General Information		
Filler / Reinforcement	Glass Bubble	
Features	High Stiffness	
	Low Density	
Uses	Reinforced Panels	
Appearance	White	
Forms	Sheet	
Physical	Nominal Value	Unit
Specific Gravity	0.578 to 0.642	g/cm <sup>3</sup>

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## Recommended distributors for this material

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