

HTM® 512-1

Maleic Anhydride Grafted Polymer

Cytec Industries Inc.

Message:

HTM® 512-1, a variant of Cytec's HTM512 bismaleimide (BMI) tooling matrix, has been formulated to provide a higher level of tack to facilitate the lay-up of complex shaped. After a full post-cure, a composite tool manufactured from HTM512-1 will be capable of thermal cycling up to 485°F.

General Information		
Filler / Reinforcement	Carbon Fiber	
Features	Autoclavable	
	High Flow	
	High Heat Resistance	
Uses	Tooling	
Forms	2x2 Twill Prepreg	
	4x4 Twill Prepreg	
	Fabric	
Thermal	Nominal Value	Unit
CLTE - Flow	5.1E-6	cm/cm/°C
Thermal Conductivity ¹	3.0	W/m/K
NOTE		
1.	In plane	

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