

# LTM® 10 series

Epoxy; Epoxide

Cytec Industries Inc.

## Message:

LTM10 series tooling prepregs are low temperature curing epoxy resins systems that can be post cured to produce tools with a service temperature of 200°C (392°F).

These series of prepregs are suitable for the manufacture of small to large tools.

General Information	
Filler / Reinforcement	Carbon Fiber
	Glass Fiber
Features	Good Thermal Aging Resistance
	Low CLTE
	Low Shrinkage
Uses	Tooling
Forms	2x2 Twill Prepreg
	4x4 Twill Prepreg

Physical	Nominal Value	Unit
Specific Gravity <sup>1</sup>	1.21 to 1.22	g/cm <sup>3</sup>
Shrinkage		
-- <sup>2</sup>	0.12	%
-- <sup>3</sup>	0.050	%
Thermal	Nominal Value	Unit
CLTE - Flow		
-- <sup>4</sup>	2.0E-6 to 3.0E-6	cm/cm/°C
-- <sup>5</sup>	1.0E-5 to 1.2E-5	cm/cm/°C

NOTE	
1.	Cured resin
2.	Glass Tool
3.	Carbon Tool
4.	Carbon Tool, Post cured laminates tested from 21°C (70°F) to 180°C (356°F)
5.	Glass Tool, Post cured laminates tested from 21°C (70°F) to 180°C (356°F)

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Recommended distributors for this material

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