

# CYCOM® 5250-4 RTM

Maleic Anhydride Grafted Polymer

Cytec Industries Inc.

## Message:

CYCOM® 5250-4 RTM is a true one-part homogeneous BMI resin developed specifically for the resin transfer molding (RTM) process. IT reaches very low viscosity during transfer and maintains a low viscosity for several hours, thus providing the maximum capability to fabricate complex parts. Laminates fabricated from CYCOM 5250-4 RTM are capable of service temperatures up to 400°F (204°C), but its toughness and processability make it an ideal material for 180°F (82°C) temperature applications where epoxies are commonly used.

CYCOM 5250-4 RTM offers the highest open hole compression (OHC) value of any organic matrix resin while providing the highest level of toughness available in an RTM capable matrix resin.

General Information		
Features	Good Processability	
	Good Toughness	
	Low Viscosity	
Uses	Aerospace Applications	
	Reinforced Panels	
	Structural Parts	
Processing Method	Resin Transfer Molding	
Physical	Nominal Value	Unit
Specific Gravity <sup>1</sup>	1.25	g/cm <sup>3</sup>
Mechanical	Nominal Value	Unit
Tensile Modulus	462	MPa
Tensile Strength	103	MPa
Flexural Strength	163	MPa
Thermal	Nominal Value	Unit
CLTE - Flow	7.9E-5	cm/cm/°C
NOTE		
1.	Neat Resin	

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## Recommended distributors for this material

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