



Cytec Engineered Materials Inc.
1300 Revolution Street
Havre de Grace, MD 21078
Telephone 410-939-1910
FAX 410-939-8195

Ship to:
COUCH SALES LLC

Ship to:
COUCH SALES LLC

17 ISLAND DRIVE
HILTON HEAD ISLAND, SC 29926
UNITED STATES OF AMERICA

147 ISLAND DRIVE
HILTON HEAD ISLAND, SC, 29926
UNITED STATES OF AMERICA

Attention: QUALITY DEPARTMENT

Date: 18-Mar-2019

CERTIFICATION

We hereby certify, the product identified below was manufactured, inspected, and released to engineering and contractual requirements indicated below, unless otherwise noted, under an ISO9000/AS9100 compliant system at the time of shipment. Product was manufactured in the U.S.A.

Cytec Eng Matl Item: 70430500
Item Description: FM® 1000 ADHESIVE FILM .06 PSF, 34"
CEM MSDS No.: 0061710
Lot No.: 6394
Sales Order & Line No.: 703065696/10-0
Packing Slip No.: 70306569611
Customer PO & Line: CS-18024
Date of Manufacture: 02-Mar-2019
Date Shipped: See Pack List
QTY Shipped: 2250.0000 SF
Recommended Storage: 6 Mos. at 85 Deg.F Max. from DOS
Specification(s): A50TF175, Revision S2, Class A
MMM-A-132, Revision B Notice 2, Type I, Class 1, Form F, Group 4
Picked Rolls/Sublots: 6394-0001 6394-0002 6394-0003
Additional Notes: TEST DATA ATTACHED

This certification has been reviewed and approved electronically by Melanie Kindt, Quality Representative.

Melanie Kindt

Quality Representative

Certification Number: HG_ORDER-166095

Page 1 of 3

Cytec Eng Matl Item.: 70430500
 Item Description: FM® 1000 ADHESIVE FILM .06 PSF, 34"
 Lot No.: 6394
 Customer PO & Line: CS-18024
 --- FM1000 ELASTOMERIC ADHESIVE (.06)
 Sales Order & Line No.: 703065696/10-0
 Customer Name: COUCH SALES LLC
 QTY Shipped: 2250.0000 SF



Specification: A50TF175, Revision S2, Class A

Sublot:	Result	Units	Minimum	Maximum
4305-MTL				
LAP SHEAR -- 180°F / 82°C Test Temp				
	SHEAR STRN-IND 2953, 2883, 2879, 3018, 2787, 2779	psi	2,750	
	SHEAR STRN-AVG 2883	psi	2,750	
LAP SHEAR -- 73°F / 23°C Test Temp				
	SHEAR STRN-IND 6424, 6473, 6394, 6371, 6135, 6253	psi	5,500	
	SHEAR STRN-AVG 6342	psi	5,500	
AREAL WEIGHT -- 73°F / 23°C Test Temp				
	AREAL WT-IND 0.0590, 0.0600, 0.0585	lbs/ft ²	0.0550	0.0650
	AREAL WT-AVG 0.0592	lbs/ft ²	0.0550	0.0650
	AREAL WT-IND 0.0593, 0.0604, 0.0591	lbs/ft ²	0.0550	0.0650
	AREAL WT-AVG 0.0596	lbs/ft ²	0.0550	0.0650
	AREAL WT-IND 0.0594, 0.0603, 0.0589	lbs/ft ²	0.0550	0.0650
	AREAL WT-AVG 0.0595	lbs/ft ²	0.0550	0.0650

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ales Order & Line No.: 703065696/10-0
ustomer Name: COUCH SALES LLC
TY Shipped: 2250.0000 SF



pecification: MMM-A-132, Revision B Notice 2, Type I, Class 1, Form F, Group 4

Sublot:	Result	Units	Minimum	Maximum
305-MTL				
AP SHEAR -- 180°F / 82°C Test Temp				
	SHEAR STRN-IND 2953, 2883, 2879, 3018, 2787, 2779	psi	2,750	
	SHEAR STRN-AVG 2883	psi	2,750	
AP SHEAR -- 73°F / 23°C Test Temp				
	SHEAR STRN-IND 6424, 6473, 6394, 6371, 6135, 6253	psi	5,500	
	SHEAR STRN-AVG 6342	psi	5,500	
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	AREAL WT-AVG 0.0592	lbs/ft ²	0.0550	0.0650
	AREAL WT-IND 0.0593, 0.0604, 0.0591	lbs/ft ²	0.0550	0.0650
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	AREAL WT-IND 0.0594, 0.0603, 0.0589	lbs/ft ²	0.0550	0.0650
	AREAL WT-AVG 0.0595	lbs/ft ²	0.0550	0.0650