

MATERIAL CLASSIFICATION FL 2	MANUFACTURER'S PRODUCT DESIGNATION	MANUFACTURER	QUALIFYING PRODUCT GROUP	DATE
Class III, Styles 120 1543 1581 7781 1582 1584 220	120 XX" F155-5 1543 XX" F155-5 1581 XX" F155-5 7781 XX" F155-5 1582 XX" F155-5 1584 XX" F155-5 220 XX" F155-5	Hexcel CorporationFL 1 6700 West 5400 South West Valley City, UT 84118	BCA	12-APR-2007
Class III, Styles 120 220 1543 1581 7781 1582 1584 7781	MXB7701-120-B3 Flow - 12 to 24 percent MXB7701-220-B3 Flow - 12 to 24 percent MXB7701-1543-B3 MXB7701-1581-B3 MXB7701-7781-B3 MXB7701-1582-B3 MXB7701-1584-B3 MXB7701-7781-D3	Cytec Engineered Materials Inc. 645 North Cypress Street P. O. Box 878 Orange, CA 92667	BCA	22-MAY-1972 08-NOV-1989 22-MAY-1972 22-MAY-1972 22-MAY-1972 22-MAY-1972 22-MAY-1972 28-APR-1998
Class IV, Styles 220 7781 7781	MXB 7701-220-B4 Gel Time - 3 to 7 minutes Flow - 12 to 24 percent MXB7701-7781-B4 Gel Time - 3 to 7 minutes Flow - 12 to 24 percent MXB7701-7781-D4 Gel Time - 2 to 6 minutes Flow - 8 to 20 percent		BCA	15-APR-1994 28-APR-1998
Class III, Styles 120 120 220 1543 1581 7781 1582	MXB7701/120-F3 Flow - 12 to 24 percent MXB7701-120-C3 Flow - 12 to 24 percent MXB7701-220-C3 Flow - 12 to 24 percent MXB7701-1543-C3 MXB7701-1581-C3 MXB7701-1781-C3 MXB7701-1582-C3		BCA	17-MAY-2001 15-APR-1994 15-APR-1994 15-APR-1994 15-APR-1994 15-APR-1994 15-APR-1994

Authorizing Signatures on File	BOEING MATERIAL SPECIFICATION QUALIFIED PRODUCTS LIST	BMS8-79AE PAGE 1 of 4
-----------------------------------	--	----------------------------------

MATERIAL CLASSIFICATION FL 2	MANUFACTURER'S PRODUCT DESIGNATION	MANUFACTURER	QUALIFYING PRODUCT GROUP	DATE
1584	MXB7701-1584-C3	Cytex Engineered Materials Inc. 645 North Cypress Street P. O. Box 878 Orange, CA 92667	BCA	15-APR-1994
Class IV, Styles 220	MXB7701-220-C4 Gel Time - 3 to 7 minutes Flow - 12 to 24 percent		BCA	15-APR-1994
7781	MXB 7701-7781-C4 Gel Time - 3 to 7 minutes Flow - 12 to 24 percent			28-APR-1998
Class III, Styles 120 1543 1581 7781 1582 1584	RIGIDITE-3203-120, Volan A RIGIDITE-3203-1543, Volan A RIGIDITE-3203-1581, Volan A RIGIDITE-3203-7781, Volan A RIGIDITE-3203-1582, Volan A RIGIDITE-3203-1584, Volan A	Cytex Engineered Materials Inc. 1440 North Kraemer Blvd. Anaheim, CA 92806	BCA	01-MAR-1972 AND 22-MAY-1972
Class III, Styles 120 1543 1581 7781 1582 1584 1581	RIGIDITE-3203-120, Z6040 RIGIDITE-3203-1543, Z6040 RIGIDITE-3203-1581, Z6040 RIGIDITE-3203-7781, Z6040 RIGIDITE-3203-1582, Z6040 RIGIDITE-3203-1584, Z6040 RIGIDITE-3203-1581, Z6040	Cytex Engineered Materials Inc. 1440 North Kraemer Blvd. Anaheim, CA 92806	BCA	01-MAR-1972 AND 22-MAY-1972
Class III, Styles 120 1581 7781 1582 1584	MXB7701/120-Z6040 MXB7701/1581-Z6040 MXB7701/7781-Z6040 MXB7701/1582-Z6040 MXB7701/1584-Z6040	Kasei Composites Co., Ltd. Chigasaki Plant 370, Enzo, Chigasaki Kanagawa 253, Japan	BCA	20-JUN-1988
Class III, Styles 120 1543 1581 7781 1582 1584	G120/F6986S03-S920NM G1543/F6986S03-S920NM G1581/F6986S03-S920NM G7781/F6986S03-S920NM G1582/F6986S03-S920NM G1584/F6986S03-S920NM	The Yokohama Rubber Co., Ltd. Aerospace Division 2-1 Oiwake, Hiratsuka City Kanagawa Pref., Japan	BCA	06-MAY-1980

Authorizing Signatures on File	BOEING MATERIAL SPECIFICATION QUALIFIED PRODUCTS LIST	BMS8-79AE PAGE 2 of 4
-----------------------------------	--	----------------------------------

MATERIAL CLASSIFICATION FL 2	MANUFACTURER'S PRODUCT DESIGNATION	MANUFACTURER	QUALIFYING PRODUCT GROUP	DATE
Class III, Styles 120 120 120 220 220 1581 1581 1582 1582 1584 1584 7781 7781 7781	MXB7701 – 120 – B3 Flow – 12 to 24 percent MXB7701 – 120 – C3 Flow – 12 to 24 percent MXB7701 – 120 – F3 Flow – 12 to 24 percent MXB7701 – 220 – B3 Flow – 12 to 24 percent MXB7701 – 220 – C3 Flow – 12 to 24 percent MXB7701 – 1581 – B3 MXB7701 – 1581 – C3 MXB7701 – 1582 – B3 MXB7701 – 1582 – C3 MXB7701 – 1584 – B3 MXB7701 – 1584 – C3 MXB7701 – 7781 – B3 MXB7701 – 7781 – C3 MXB7701 – 7781 – D3	Cytec Engineered Materials (Shanghai) Co., Ltd. No. 1800 Yezhuang Road, Zhuanghang, Fengxian, Shanghai 201415, P.R. CHINA	BR&T	12-MAY-2011
Class IV, Styles 220 220 7781 7781 7781	MXB7701 – 220 – B4 Gel Time – 3 to 7 minutes Flow – 12 to 24 percent MXB7701 – 220 – C4 Gel Time – 3 to 7 minutes Flow – 12 to 24 percent MXB7701 – 7781 – B4 Gel Time – 3 to 7 minutes Flow – 12 to 24 percent MXB7701 – 7781 – C4 Gel Time – 3 to 7 minutes Flow – 12 to 24 percent MXB7701 – 7781 – D4 Gel Time – 2 to 6 minutes Flow – 8 to 20 percent	Cytec Engineered Materials (Shanghai) Co., Ltd. No. 1800 Yezhuang Road, Zhuanghang, Fengxian, Shanghai 201415, P.R. CHINA	BR&T	12-MAY-2011

FL 1 All non-European purchasing to be done through:
Hexcel Corporation
Regional Sales Offices

Authorizing Signatures on File	BOEING MATERIAL SPECIFICATION QUALIFIED PRODUCTS LIST	BMS8-79AE PAGE 3 of 4
-----------------------------------	--	----------------------------------

FL 2 Includes all Grades and Forms

Authorizing Signatures on File	BOEING MATERIAL SPECIFICATION QUALIFIED PRODUCTS LIST	BMS8-79AE PAGE 4 of 4
-----------------------------------	--	--------------------------