

**POTENTIAL
FAILURE MODE AND EFFECTS ANALYSIS
(PROCESS FMEA)**

Item : RH Pad - I/P Upper Trim / MXP1002-01
 Model Year(s)/Programs 02 GMX
 Core Team Project Eng., Quality Eng., Q.A. Mgr., Staff Eng., Plant Mgr., Purchasing, Sales

Process Responsibility ACME
 Key Date 10/24/2010

FMEA Number 1975
 Prepared By A. Walvekar
 FMEA Date (Orig.) 10/24/2010 (Rev.) 4/22/2011

Process Step Function	Requirements	Potential Failure Mode	Potential Effect(s) of Failure	Severity	Classification	Potential Cause(s) of Failure	Current Process Controls Prevention	Occurrence	Current Process Controls Detection	Detection	RPN	Recommended Action	Responsibility & Target Completion Date	Action Results					
														Actions Taken & Effective Date	Severity	Occurrence	Detection	RPN	
Op 010 - Receive Raw Resin	12 - Molded Part Appearance											NONE							
	100 - Bassell	Contaminated Material	Will not process correctly	6	▽	Improper Handling During Transit	Supplier Certification	3	SOP-126 (Non-Conforming Product Control)	7	126	NONE							
		Incorrect Color	Poor Appearance	6	▽	Mislabel	Supplier Certification	2	SOP-126 (Non-Conforming Product Control) - SOP-120	2	24	NONE							
		Incorrect Quantity / Count	Material shortage	6	▽	Improper Handling During Transit	Supplier Certification	2	SOP-126 (Non-Conforming Product Control)	7	84	NONE							
		Material out of Specification	Material shortage	6	▽	Contaminated Material	Supplier Certification	3	SOP-126 (Non-Conforming Product Control)	3	54	NONE							
				6	▽	Mislabel	Supplier Certification	2	SOP-126 (Non-Conforming Product Control)	2	24	NONE							
			Will not process correctly	5	▽	Contaminated Material	Supplier Certification	2	SOP-126 (Non-Conforming Product Control)	2	20	NONE							
		Out of Specification	Will not Assemble correctly	5	▽	Dimensionally Incorrect	Supplier Certification	2	SOP-126 (Non-Conforming Product Control)-SOP120	3	30	NONE							
		Wrong Melt Flow	Material shortage	6	▽	Degradation	Supplier Certification	3	SOP-126 (Non-Conforming Product Control)	3	54	NONE							
Op 012 - Receive Components	6 - Visual Inspection	Incorrect Quantity / Count	Material shortage	6		Improper Handling During Transit	Supplier Certification	2	SOP-126 (Non-Conforming Product Control)	7	84	NONE							
		Out of Specification	Will not assemble correctly	5		Improper Handling During Transit	Supplier Certification	2	SOP-126 (Non-Conforming Product Control)	3	30	NONE							
Op 013 - Receive Packaging	6 - Visual Inspection	Damaged Container	Damaged Product	5		Improper Handling During Transit	Supplier Certification	2	SOP-126 (Non-Conforming Product Control)	3	30	NONE							
		Incorrect Label	Inaccurate inventory	3		Incorrect Material	Incoming Inspection	6	SOP-117 (Identification, Traceability and Staus)	3	54	NONE							
Op 030 - Lab Inspection/Resin Verification	5 - Material Sample Retain	Out of Specification	Loss of Physical Properties	8	▽	Supplier Deviated from Specification	Supplier Certification	1	Melt Index Test Equipment	2	16	NONE							